

# SCARF1 Rabbit pAb

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Catalog # AP56637

## Product Information

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| <b>Application</b>             | IHC-P, IHC-F, IF                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Primary Accession</b>       | <a href="#">Q14162</a>                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Predicted</b>               | Rat, Pig, Dog, Human, Mouse, Horse                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Clonality</b>               | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Calculated MW</b>           | 87387                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Physical State</b>          | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Immunogen</b>               | KLH conjugated synthetic peptide derived from human SCARF1                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Epitope Specificity</b>     | 21-120/830                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Isotype</b>                 | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Purity</b>                  | affinity purified by Protein A                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Buffer</b>                  | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.                                                                                                                                                                                                                                                                                                                                                                                |
| <b>SUBCELLULAR LOCATION</b>    | Membrane.                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Important Note</b>          | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.                                                                                                                                                                                                                                                                                                                        |
| <b>Background Descriptions</b> | The protein encoded by this gene is a scavenger receptor that is expressed in endothelial cells. It regulates the uptake of chemically modified low density lipoproteins, including acetylated low density lipoprotein (Ac-LDL), and it may be involved in atherogenesis. This gene is regulated by the transcription factors ZNF444/EZF-2 and SP1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2013] |

## Additional Information

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| <b>Gene ID</b>     | 8578                                                                                                                                                                                            |
| <b>Other Names</b> | Scavenger receptor class F member 1, Acetyl LDL receptor, Scavenger receptor expressed by endothelial cells 1, SREC-I, SCARF1, KIAA0149, SREC                                                   |
| <b>Dilution</b>    | IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500<br>0-10000                                                                                                            |
| <b>Storage</b>     | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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| <b>Name</b> | SCARF1 |
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| <b>Synonyms</b>          | KIAA0149, SREC                                                                                                                                                                                                                                |
| <b>Function</b>          | Mediates the binding and degradation of acetylated low density lipoprotein (Ac-LDL). Mediates heterophilic interactions, suggesting a function as adhesion protein. Plays a role in the regulation of neurite-like outgrowth (By similarity). |
| <b>Cellular Location</b> | Membrane; Single-pass type I membrane protein                                                                                                                                                                                                 |
| <b>Tissue Location</b>   | Endothelial cells.                                                                                                                                                                                                                            |

## Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.