# SELV/Selenoprotein V Rabbit pAb

SELV/Selenoprotein V Rabbit pAb
Catalog # AP58217

## Product Information

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|---|---|
| **Application** | WB, IHC-P, IHC-F, IF, E |
| **Primary Accession** | P59797 |
| **Reactivity** | Human |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 36800 |
| **Physical State** | Liquid |
| **Immunogen** | KLH conjugated synthetic peptide derived from human SELV/Selenoprotein V |
| **Epitope Specificity** | 251-346/346 |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4. |
| **SIMILARITY** | Belongs to the SelWTH family. |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **Background Descriptions** | This gene encodes a selenoprotein, which contains a selenocysteine (Sec) residue at its active site. The selenocysteine is encoded by the UGA codon that normally signals translation termination. The 3' UTR of selenoprotein genes have a common stem-loop structure, the sec insertion sequence (SECIS), that is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. [provided by RefSeq, Jul 2008] |

## Additional Information

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|---|---|
| **Gene ID** | 348303 |
| **Other Names** | Selenoprotein V, SelV, SELENOV {ECO:0000303\|PubMed:27645994, ECO:0000312\|HGNC:HGNC:30399} |
| **Target/Specificity** | Testis specific. |
| **Dilution** | WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000 |
| **Storage** | 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

| **Name** | SELENOV {ECO:0000303\|PubMed:27645994, ECO:0000312\|HGNC:HGNC:30399} |
|---|---|
| **Function** | May be involved in a redox-related process. |
| **Tissue Location** | Testis specific.. |

## Background

This gene encodes a selenoprotein, which contains a selenocysteine (Sec) residue at its active site. The selenocysteine is encoded by the UGA codon that normally signals translation termination. The 3' UTR of selenoprotein genes have a common stem-loop structure, the sec insertion sequence (SECIS), that is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. [provided by RefSeq, Jul 2008]

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