

# Dynamin 3 Rabbit pAb

Catalog # AP97809

## Product Information

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| <b>Application</b>             | IHC-P, IHC-F, IF, E                                                                                                                                                                                                                                                                                                                |
| <b>Primary Accession</b>       | <a href="#">Q9UQ16</a>                                                                                                                                                                                                                                                                                                             |
| <b>Other Accession</b>         | <a href="#">Q9UQ16</a>                                                                                                                                                                                                                                                                                                             |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                                                                             |
| <b>Clonality</b>               | Polyclonal                                                                                                                                                                                                                                                                                                                         |
| <b>Calculated MW</b>           | 97746                                                                                                                                                                                                                                                                                                                              |
| <b>Physical State</b>          | Liquid                                                                                                                                                                                                                                                                                                                             |
| <b>Immunogen</b>               | KLH conjugated synthetic peptide derived from human Dynamin 3                                                                                                                                                                                                                                                                      |
| <b>Epitope Specificity</b>     | 261-360/869                                                                                                                                                                                                                                                                                                                        |
| <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>SIMILARITY</b>              | Belongs to the dynamin family. Contains 1 GED domain. Contains 1 PH domain.                                                                                                                                                                                                                                                        |
| <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> | This gene encodes a member of a family of guanosine triphosphate (GTP)-binding proteins that associate with microtubules and are involved in vesicular transport. The encoded protein functions in the development of megakaryocytes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013] |

## Additional Information

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| <b>Gene ID</b>     | 26052                                                                                                                                                                                           |
| <b>Other Names</b> | Dyna III; 9630020E24Rik; B230343F03Rik; C530045C17; mKIAA0820; dynamin-2; DYN3_HUMAN; DNM3; Dynamin, testicular; T-dynamin; 3.6.5.5; KIAA0820; DYN3_MOUSE; DYN3_RAT; Dyn3; dynamin 3            |
| <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> | DNM3 ( <a href="#">HGNC:29125</a> ) |
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| <b>Synonyms</b>          | KIAA0820                                                                                                                                                                                                                                           |
| <b>Function</b>          | Microtubule-associated force-producing protein involved in producing microtubule bundles and able to bind and hydrolyze GTP (By similarity). Most probably involved in vesicular trafficking processes, in particular endocytosis (By similarity). |
| <b>Cellular Location</b> | Cytoplasm. Cytoplasm, cytoskeleton. Note=Microtubule-associated.                                                                                                                                                                                   |

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