

## APPL Monoclonal Antibody | anti-APPL antibody

APPL Rabbit mAb

|                               |                                   |                                        |                                                           |
|-------------------------------|-----------------------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA314309</b> | HOST<br><b>Recombinant Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------------------|----------------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

APPL; Monoclonal Antibody; APPL Rabbit mAb; MODY14; DIP13alpha; anti-APPL antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                        |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Host                                           | Recombinant Rabbit                                                                                     |
| Reactivity                                     | Human, Mouse, Rat                                                                                      |
| Clonality                                      | Monoclonal                                                                                             |
| Isotype                                        | Rabbit IgG                                                                                             |
| Clone Number                                   | S05-8D5                                                                                                |
| Purity/Purification                            | Affinity Purified                                                                                      |
| Form/Format                                    | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA                  |
| Concentration                                  | 0.3mg/ml (varies by lot)                                                                               |
| Applicable Applications for anti-APPL antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                          |
| Immunogen                                      | A synthetic peptide of human APPL                                                                      |
| Conjugation                                    | Unconjugated                                                                                           |
| Modification                                   | Unmodification                                                                                         |
| Preparation and Storage                        | Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of APPL in paraffin-embedded Human lung cancer tissue using APPL Rabbit mAb at dilution 1/20



#### WB (Western Blot)

Western blot detection of APPL in Rat Brain, C6, 3T3, HeLa cell lysates using APPL Rabbit mAb (1:1000 diluted). Predicted band size: 80kDa. Observed band size: 80kDa.

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-APPL antibody | Adapter protein that interacts with proteins involved in different cellular signaling pathways. Required for the regulation of cell proliferation in response to extracellular signals from an early endosomal compartment. Links Rab5 to nuclear signal transduction. Involved in the regulation of the insulin receptor signaling pathway. |
| Product Categories/Family for anti-APPL antibody   | Primary Antibody                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 6912242                                                                                                                                                                                                                                                        |
| NCBI GeneID                      | 26060                                                                                                                                                                                                                                                          |
| NCBI Accession #                 | NP_036228.1                                                                                                                                                                                                                                                    |
| NCBI GenBank Nucleotide #        | NM_012096.2                                                                                                                                                                                                                                                    |
| UniProt Accession #              | Q9UKG1; Q9P2B9                                                                                                                                                                                                                                                 |
| Molecular Weight                 | 79,663 Da                                                                                                                                                                                                                                                      |
| NCBI Official Full Name          | DCC-interacting protein 13-alpha                                                                                                                                                                                                                               |
| NCBI Official Synonym Full Names | adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 1                                                                                                                                                                        |
| NCBI Official Symbol             | APPL1                                                                                                                                                                                                                                                          |
| NCBI Official Synonym Symbols    | APPL; DIP13alpha                                                                                                                                                                                                                                               |
| NCBI Protein Information         | DCC-interacting protein 13-alpha; dip13-alpha; AKT2 interactor; signaling adaptor protein DIP13alpha; adapter protein containing PH domain, PTB domain and leucine zipper motif 1; adaptor protein containing pH domain, PTB domain and leucine zipper motif 1 |
| UniProt Protein Name             | DCC-interacting protein 13-alpha                                                                                                                                                                                                                               |
| UniProt Gene Name                | APPL1                                                                                                                                                                                                                                                          |
| UniProt Synonym Gene Names       | APPL; DIP13A; KIAA1428; Dip13-alpha                                                                                                                                                                                                                            |
| UniProt Entry Name               | DP13A_HUMAN                                                                                                                                                                                                                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/appl-antibody-clone-s05-8d5-immunohistochemistry-western-blot-elisa/314309>