

Rabbit anti-Human, Mouse APPL1 Polyclonal Antibody | anti-APPL1 antibody

APPL1 Polyclonal Antibody

CATALOG # AAA294279	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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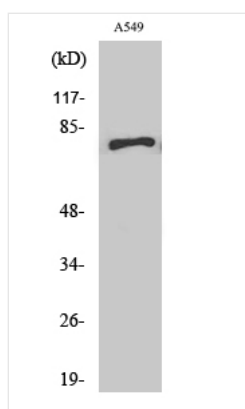
PRODUCT SYNONYMS

APPL1; Polyclonal Antibody; APPL1 Polyclonal Antibody; APPL; DIP13A; KIAA1428; DCC-interacting protein 13-alpha; Dip13-alpha; Adapter protein containing PH domain; PTB domain and leucine zipper motif 1; anti-APPL1 antibody

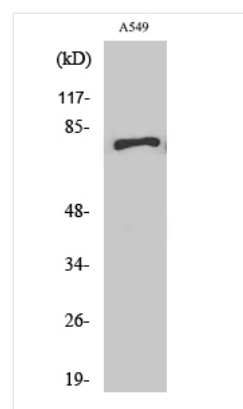
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Applicable Applications for anti-APPL1 antibody	WB (Western Blot)
Cellular Location	Early endosome membrane; Peripheral membrane protein. Nucleus. Cytoplasm. Endosome. Cell projection, ruffle. Cytoplasmic vesicle, phagosome. Note=Early endosomal membrane-bound and nuclear. Translocated into the nucleus upon release from endosomal membranes following internalization of EGF
Tissue Location	High levels in heart, ovary, pancreas and skeletal muscle.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.


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ADDITIONAL INFORMATION

Related Product Information for anti-APPL1 antibody	Multifunctional adapter protein that binds to various membrane receptors, nuclear factors and signaling proteins to regulate many processes, such as cell proliferation, immune response, endosomal trafficking and cell metabolism (PubMed:15016378, PubMed:26073777, PubMed:19661063, PubMed:10490823). Regulates signaling pathway leading to cell proliferation through interaction with RAB5A and subunits of the NuRD/MeCP1 complex (PubMed:19661063, PubMed:24879834). Required for fibroblast migration through HGF cell signaling (By similarity). Positive regulator of beta-catenin/TCF-dependent transcription through direct interaction with RUVBL2/reptin resulting in the relief of RUVBL2-mediated repression of beta-catenin/TCF target genes by modulating the interactions within the beta-catenin-reptin-HDAC complex (PubMed:19433865).
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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/polyclonal/appl1-antibody-western-blot-elisa/294279>