10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

AP1S2 Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI16104

Product Information

Application	WB
Primary Accession	P56377
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	18615

Additional Information

Gene ID	8905
Alias Symbol	AP1S2, DC22,
Other Names	AP-1 complex subunit sigma-2, Adaptor protein complex AP-1 subunit sigma-1B, Adaptor-related protein complex 1 subunit sigma-1B, Clathrin assembly protein complex 1 sigma-1B small chain, Golgi adaptor HA1/AP1 adaptin sigma-1B subunit, Sigma 1B subunit of AP-1 clathrin, Sigma-adaptin 1B, Sigma1B-adaptin, AP1S2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 &mu, l of distilled water. Final Anti-AP1S2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.
Precautions	AP1S2 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	AP1S2
Function	Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosomes. The AP complexes mediate both the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules.
Cellular Location	Golgi apparatus. Cytoplasmic vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Membrane, clathrin- coated pit. Note=Component of the coat surrounding the cytoplasmic face of coated vesicles located at the Golgi complex

Tissue Location	Widely expressed.

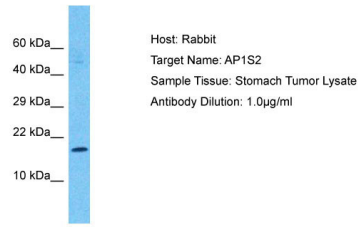
Background

Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosomes. The AP complexes mediate both the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules.

References

Takatsu H.,et al.J. Biol. Chem. 273:24693-24700(1998).
Xu X.,et al.Submitted (MAY-2000) to the EMBL/GenBank/DDBJ databases.
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Ross M.T.,et al.Nature 434:325-337(2005).

Images



Host: Rabbit
Target Name: AP1S2
Sample Tissue: Stomach Tumor lysates
Antibody Dilution: 1.0µg/ml

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