

Rabbit AP1S2 Polyclonal Antibody | anti-AP1S2 antibody

AP1S2 antibody

CATALOG # AAA107592	HOST Rabbit	APPLICATIONS Western Blot, Immunocytochemistry, Immunofluorescence
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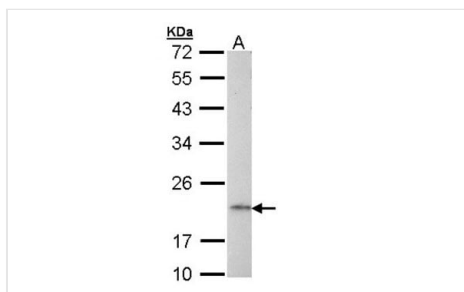
PRODUCT SYNONYMS

AP1S2; Polyclonal Antibody; AP1S2 antibody; Polyclonal AP1S2; Anti-AP1S2; adapter-related protein complex 1 sigma-1B subunit; sigma 1B subunit of AP-1 clathrin; APS2 1; adaptor protein complex AP-1 sigma-1B subunit; clathrin adaptor complex AP1 sigma 1B subunit; sigma1B-adaptin; MRX59; SIGMA1B; golgi adaptor HA1/AP1 adaptin sigma 1B subunit; APS2-1; MGC:1902; anti-AP1S2 antibody

PRODUCT SPECIFICATIONS

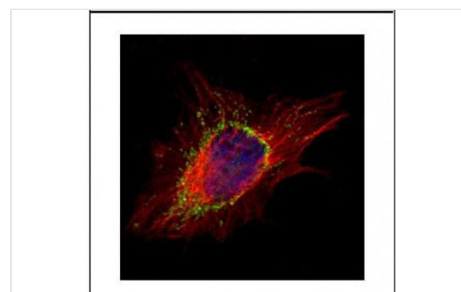
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	AP1S2 antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.53 mg/ml (varies by lot)
Sequence Length	160
Applicable Applications for anti-AP1S2 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	Adaptor protein complex 1 is found at the cytoplasmic face of coated vesicles located at the Golgi complex, where it mediates both the recruitment of clathrin to the membrane and the recognition of sorting signals within the cytosolic tails of transmembrane receptors. This complex is a heterotetramer composed of two large, one medium, and one small adaptin subunit. The protein encoded by this gene serves as the small subunit of this complex and is a member of the adaptin protein family.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: Raji) using a 12 % SDS PAGE gel and AP1S2 antibody at a dilution of 1:1000



IF (Immunofluorescence)

Confocal immunofluorescence analysis (Olympus FV10i) of methanol-fixed HeLa, using AP1S2 antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Red) at 1:2000.

ADDITIONAL INFORMATION

Related Product Information for anti-AP1S2 antibody	Affinity purified Rabbit polyclonal AP1S2 antibody
Product Categories/Family for anti-AP1S2 antibody	Signal Transduction ; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	440918685
NCBI GeneID	8905
NCBI Accession #	NP_001259000.1
NCBI GenBank Nucleotide #	NM_001272071.1
UniProt Accession #	P56377 ; O95326 ; Q9H2N6 ; B4DSU4
Molecular Weight	19 kDa
NCBI Official Full Name	AP-1 complex subunit sigma-2 isoform 1
NCBI Official Synonym Full Names	adaptor-related protein complex 1, sigma 2 subunit
NCBI Official Symbol	AP1S2
NCBI Official Synonym Symbols	PGS; DC22; MRX59; MRXS5; MRXSF; MRXS21; SIGMA1B
NCBI Protein Information	AP-1 complex subunit sigma-2
UniProt Protein Name	AP-1 complex subunit sigma-2
UniProt Gene Name	AP1S2
UniProt Entry Name	AP1S2_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://www.aaabiotech.com/polyclonal/ap1s2-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/107592>