

Rabbit AP3S1 Polyclonal Antibody | anti-AP3S1 antibody

AP3S1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40357	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

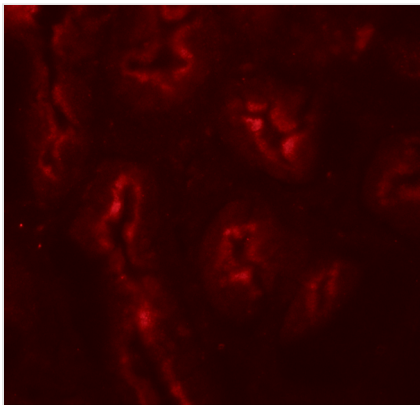
PRODUCT SYNONYMS

AP3S1; Polyclonal Antibody; AP3S1 Antibody; CLAPS3; Sigma3A; AP-3 complex subunit sigma-1; AP-3 complex subunit sigma-3A; Sigma3A-adaptin; adaptor-related protein complex 3; sigma 1 subunit; anti-AP3S1 antibody

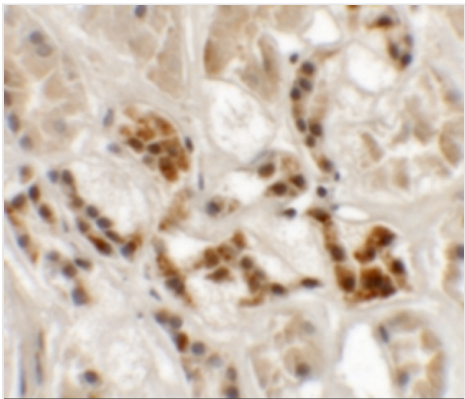
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least three isoforms of AP3S1 are known to exist; this antibody will detect the two larger isoforms. AP3S1 antibody is predicted to not cross-react with other AP3 protein family members.
Purity/Purification	AP3S1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	193
Applicable Applications for anti-AP3S1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	AP3S1 antibody was raised against a 19 amino acid synthetic peptide near the center of human AP3S1.
Buffer	AP3S1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	AP3S1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

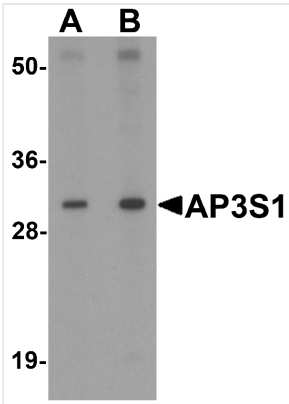
IMAGES



IF (Immunofluorescence)
Immunofluorescence of AP3S1 in human kidney tissue with AP3S1 antibody at 20 μg/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of AP3S1 in human kidney tissue with AP3S1 antibody at 2.5 μg/mL.



WB (Western Blot)
Western blot analysis of AP3S1 in mouse kidney tissue lysate with AP3S1 antibody at (A) 1 and (B) 2 μg/mL .

ADDITIONAL INFORMATION

Related Product Information for anti-AP3S1 antibody

AP3S1 Antibody: AP3S1 belongs to the adaptor complexes 3 (AP3) small subunit family which is not clathrin-associated. The complex is associated with the Golgi region as well as more peripheral structures. It facilitates the budding of vesicles from the Golgi membrane and may be directly involved in trafficking to lysosomes. AP3 is an heterotetramer composed of two large adaptins (AP3D1, AP3B1 or AP3B2), a medium adaptin (AP3M1 or AP3M2) and a small adaptin (APS1 or AP3S2). AP3S1 Interacts with AGAP1 and may play an important role in carcinoma.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502861
NCBI GeneID	1176
NCBI Accession #	NP_001275
NCBI GenBank Nucleotide #	NM_001284.2
UniProt Accession #	Q92572; O00647; O00676; O00721; O00727; Q53XL4; Q6ICQ2
Molecular Weight	21,732 Da
NCBI Official Full Name	AP-3 complex subunit sigma-1
NCBI Official Synonym Full Names	adaptor-related protein complex 3, sigma 1 subunit
NCBI Official Symbol	AP3S1

NCBI Official Synonym Symbols	CLAPS3; Sigma3A
NCBI Protein Information	AP-3 complex subunit sigma-1; sigma3A-adaptin; sigma-3A-adaptin; sigma-adaptin 3a; AP-3 complex sigma-3A subunit; AP-3 complex subunit sigma-3A; adapter-related protein complex 3 sigma-1 subunit; adapter-related protein complex 3 subunit sigma-1; adaptor-related protein complex 3 subunit sigma-1; clathrin-associated/assembly/adaptor protein, small 3; clathrin-associated/assembly/adaptor protein, small 3 (22kD)
UniProt Protein Name	AP-3 complex subunit sigma-1
UniProt Gene Name	AP3S1
UniProt Synonym Gene Names	CLAPS3; Sigma3A-adaptin
UniProt Entry Name	AP3S1_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/ap3s1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40357>