

Rabbit AP3S1 Polyclonal Antibody | anti-AP3S1 antibody

AP3S1 Antibody (N-term)

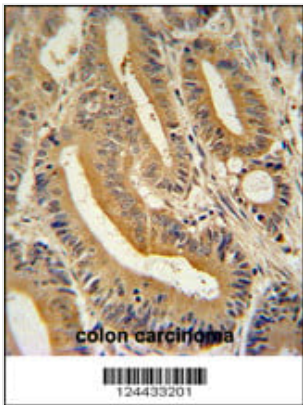
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288828	Rabbit	Human, mouse (Predicted Reactivity: Bovine)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

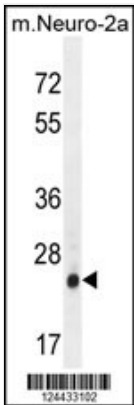
AP3S1; Polyclonal Antibody; AP3S1 Antibody (N-term); AP-3 complex subunit sigma-1; AP-3 complex subunit sigma-3A; Adaptor-related protein complex 3 subunit sigma-1; Clathrin-associated/assembly/adaptor protein; small 3; Sigma-3A-adaptin; Sigma3A-adaptin; Sigma-adaptin 3a; CLAPS3; anti-AP3S1 antibody

PRODUCT SPECIFICATIONS

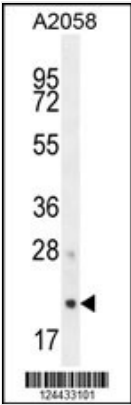
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AP3S1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human AP3S1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-30
Sequence Length	193
Applicable Applications for anti-AP3S1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemisry)
AP3S1 antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the AP3S1 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
AP3S1 Antibody (N-term) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane).This demonstrates the AP3S1 antibody detected the AP3S1 protein (arrow).



WB (Western Blot)
AP3S1 Antibody (N-term) western blot analysis in A2058 cell line lysates (35ug/lane).This demonstrates the AP3S1 antibody detected the AP3S1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-AP3S1 antibody	Part of the AP-3 complex, an adapter-related complex 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.
Product Categories/Family for anti-AP3S1 antibody	Signal Transduction
References	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Zhou, J.B., et al. Med. Sci. Monit. 16 (6), BR179-BR183 (2010) : Lefrancois, S., et al. Dev. Cell 7(4):619-625(2004) Salazar, G., et al. Mol. Biol. Cell 15(2):575-587(2004) Nie, Z., et al. Dev. Cell 5(3):513-521(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502861
NCBI GeneID	1176
NCBI Accession #	NP_001275.1
NCBI GenBank Nucleotide #	NM_001284.2

UniProt Accession #	Q92572 ; O00647 ; O00676 ; O00721 ; O00727 ; Q53XL4 ; Q6ICQ2
Molecular Weight	21732
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
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-immunohistochemistry-western-blot-elisa/288828>