

AP50200PU-N**Polyclonal Antibody to AP1S3 (N-term) - Aff - Purified**

Alternate names:	AP-1 complex subunit sigma-3
Quantity:	0.4 ml
Concentration:	lot specific
Uniprot ID:	Q96PC3
NCBI:	NP_001034658
GeneID:	130340
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 15-45 amino acids from the N-terminal region of human AP1S3
Format:	State: Liquid purified Ig fraction Purification: Affinity chromatography on Protein A Buffer System: PBS containing 0.09% (W/V) sodium azide as preservative
Applications:	ELISA: 1/1000. Western blotting: 1/100 - 1/500. Immunohistochemistry on paraffin sections: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to AP1S3.
Add. Information:	Molecular Weight: 18280 Da
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	<ol style="list-style-type: none">1. Rose, J. Phd, et al. Mol. Med. (2010)2. Roeth JF, Williams M, Kasper MR, Filzen TM, Collins KL. HIV-1 Nef disrupts MHC-I trafficking by recruiting AP-1 to the MHC-I cytoplasmic tail. J Cell Biol. 2004 Dec 6;167(5):903-13. Epub 2004 Nov 29. PubMed PMID: 15569716.3. Hirst J, Lindsay MR, Robinson MS. GGAs: roles of the different domains and comparison with AP-1 and clathrin. Mol Biol Cell. 2001 Nov;12(11):3573-88. PubMed PMID: 11694590.4. Boehm M, Bonifacino JS. Adaptins: the final recount. Mol Biol Cell. 2001 Oct;12(10):2907-20. PubMed PMID: 11598180.5. Kirchhausen T. Three ways to make a vesicle. Nat Rev Mol Cell Biol. 2000 Dec;1(3):187-98. PubMed PMID: 11252894.

Pictures:

CAP1S3 antibody (N-term) (Cat. #AP50200PU-N) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the AP1S3 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



AP1S3 Antibody (N-term) (Cat. #AP50200PU-N) western blot analysis in mouse heart tissue lysates (35µg/lane). This demonstrates the AP1S3 antibody detected the AP1S3 protein (arrow).

