

Product datasheet for **AP50203PU-N**

AP3S1 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western blotting: 1/100 - 1/500. Immunohistochemistry: 1/50 - 1/100.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 2-31 amino acids from the N-terminal region of human AP3S1
Specificity:	This antibody reacts to AP3 complex subunit sigma-1.
Formulation:	PBS containing 0.09% (W/V) sodium azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
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.
Stability:	Shelf life: one year from despatch.
Gene Name:	adaptor related protein complex 3 sigma 1 subunit
Database Link:	Entrez Gene 11777 Mouse Entrez Gene 1176 Human Q92572
Background:	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.



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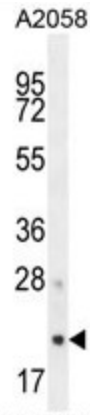
Synonyms: CLAPS3, Sigma-adaptin 3a, Sigma-3A-adaptin, Sigma 3A Adaptin

Note: **Molecular Weight:** 21732 Da

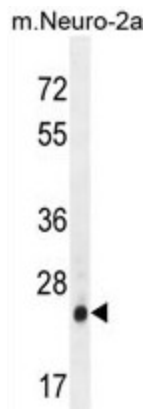
Protein Families: Druggable Genome

Protein Pathways: Lysosome

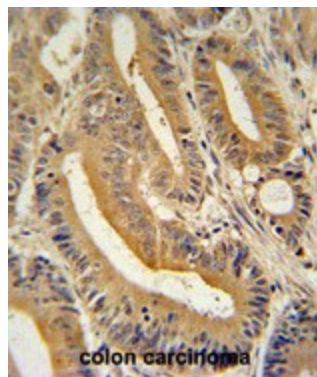
Product images:



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



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).



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.