

AP3S2 Polyclonal Antibody

Catalog NumberPA1-27781

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Human, Mouse
Host/Isotope	Chicken / IgY	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Western Blot (WB)	1:2,000
Immunogen	Synthetic peptide corresponding to human AP-3 complex subunit sigma-2.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

PA1-27781 detects AP3S2 from human and mouse samples. PA1-27781 may be successfully used in Western blot applications. By Western blot, this antibody has only been tested on fusion protein. The PA1-27758 immunogen is a synthetic peptide corresponding to human AP-3 complex subunit sigma-2.

Background/Target Information

AP3S2 (Adaptor Related Protein Complex 3 Subunit Sigma 2) is a Protein Coding gene. Among its related pathways are Lysosome. Gene Ontology (GO) annotations related to this gene include protein transporter activity. An important paralog of this gene is AP3S1. Part of the AP-3 complex, an adaptor-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. In concert with the BLOC-1 complex, AP-3 is required to target cargos into vesicles assembled at cell bodies for delivery into neurites and nerve terminals.

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