

For Research Use Only

AP2S1 Polyclonal antibody

Catalog Number: 15634-1-AP



Basic Information

Catalog Number: 15634-1-AP	GenBank Accession Number: BC006337	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1175	
Source: Rabbit	UNIPROT ID: P53680	
Isotype: IgG	Full Name: adaptor-related protein complex 2, sigma 1 subunit	
Immunogen Catalog Number: AG8095	Calculated MW: 142 aa, 17 kDa	

Applications

Tested Applications:
ELISA

Species Specificity:
human, mouse, rat

Background Information

AP2S1 is a component of the adaptor protein complex 2 (AP-2). AP complexes are cytosolic heterotetramers that mediate the sorting of membrane proteins in the secretory and endocytic pathways. AP complexes are involved in the formation of clathrin-coated vesicles (CCVs) by recruiting the scaffold protein, clathrin. AP complexes also play a pivotal role in the cargo selection by recognizing the sorting signals within the cytoplasmic tail of integral membrane proteins. AP-2 is composed of two large adaptins (alpha-type subunit AP2A1 or AP2A2 and beta-type subunit AP2B1), a medium adaptin (mu-type subunit AP2M1) and a small adaptin (sigma-type subunit AP2S1). It works on the plasma membrane to internalize cargo in clathrin-mediated endocytosis.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

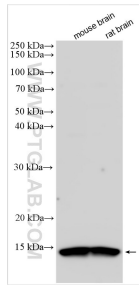
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15634-1-AP (AP2S1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.