

[Go to Product page](#)

## Datasheet for ABIN6991549 **anti-AP3S1 antibody**

### Overview

Quantity:	0.1 mg
Target:	AP3S1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AP3S1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

### Product Details

Immunogen:	AP3S1 antibody was raised against a 19 amino acid synthetic peptide near the center of human AP3S1. The immunogen is located within the first 50 amino acids of AP3S1.
Isotype:	IgG
Specificity:	At least three isoforms of AP3S1 are known to exist, this antibody will detect the two larger isoforms. AP3S1 antibody is predicted to not cross-react with other AP3 protein family members.
Purification:	AP3S1 Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	AP3S1
Alternative Name:	AP3S1 ( <a href="#">AP3S1 Products</a> )

## Target Details

**Background:** AP3S1 Antibody: AP3S1 belongs to the adaptor complexes 3 (AP3) small subunit family 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. AP3 is an heterotetramer composed of two large adaptins (AP3D1, AP3B1 or AP3B2), a medium adaptin (AP3M1 or AP3M2) and a small adaptin (AP3S1 or AP3S2). AP3S1 Interacts with AGAP1 and may play an important role in carcinoma.

**Gene ID:** 1176

**NCBI Accession:** [NP\\_001275](#)

**UniProt:** [Q92572](#)

## Application Details

**Application Notes:** AP3S1 antibody can be used for detection of AP3S1 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in mouse samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** AP3S1 Antibody is supplied in PBS containing 0.02 % sodium azide.

**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** -20 °C, 4 °C

**Storage Comment:** AP3S1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.