

### **AP1S3 Antibody**

Rabbit Polyclonal Antibody Catalog # ALS16478

## **Specification**

## **AP1S3 Antibody - Product Information**

Application IHC
Primary Accession O96PC3
Reactivity Human
Host Rabbit
Clonality Polyclonal
Calculated MW 18kDa KDa

## **AP1S3 Antibody - Additional Information**

#### Gene ID 130340

#### **Other Names**

AP-1 complex subunit sigma-3, Adaptor protein complex AP-1 subunit sigma-1C, Adaptor-related protein complex 1 subunit sigma-1C, Clathrin assembly protein complex 1 sigma-1C small chain, Golgi adaptor HA1/AP1 adaptin sigma-1C subunit, Sigma 1C subunit of AP-1 clathrin, Sigma-adaptin 1C, Sigma1C-adaptin, AP1S3

## Target/Specificity

Human AP1S3

### **Reconstitution & Storage**

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

#### **Precautions**

AP1S3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

# **AP1S3 Antibody - Protein Information**

### Name AP1S3

## **Function**

Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosomes. The AP complexes mediate both the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules. Involved in TLR3 trafficking (PubMed:<a href="http://www.uniprot.org/citations/24791904" target="blank">24791904</a>).

### **Cellular Location**

Golgi apparatus. Cytoplasmic vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Membrane, clathrin- coated pit. Note=Component of the coat surrounding the cytoplasmic face of coated vesicles located at the Golgi complex



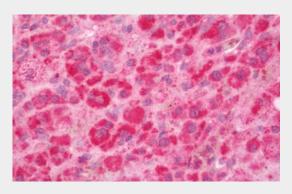
**Tissue Location** Widely expressed.

# **AP1S3 Antibody - Protocols**

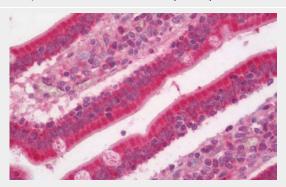
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# AP1S3 Antibody - Images



Human Adrenal: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)

# AP1S3 Antibody - Background

Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosomes. The AP complexes mediate both the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules.