

**Goat anti-AP3B1 / HPS Antibody**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF4492a**

**Specification**

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**Goat anti-AP3B1 / HPS Antibody - Product Information**

Application	FC, Pep-ELISA
Primary Accession	<a href="#">O00203</a>
Other Accession	<a href="#">NP_003655</a>
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	121320

**Goat anti-AP3B1 / HPS Antibody - Additional Information**

**Gene ID** 8546

**Other Names**

AP3B1; PE; HPS; HPS2; ADTB3; ADTB3A; adaptor-related protein complex 3, beta 1 subunit; beta3A-adaptin; AP-3 complex beta-3A subunit

**Dilution**

FC~~1:10~50

Pep-ELISA~~N/A

**Format**

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat anti-AP3B1 / HPS Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat anti-AP3B1 / HPS Antibody - Protein Information**

**Name** AP3B1

**Synonyms** ADTB3A

**Function**

Subunit of non-clathrin- and clathrin-associated adaptor protein complex 3 (AP-3) 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. AP-3 appears to be involved in the sorting of a subset of transmembrane proteins targeted to lysosomes and lysosome-related organelles. 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.

**Cellular Location**

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

**Tissue Location**

Ubiquitously expressed.

**Goat anti-AP3B1 / HPS Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Goat anti-AP3B1 / HPS Antibody - Images**