

# Goat anti-AP3B1 / HPS Antibody

Peptide-affinity purified goat antibody

Catalog # AF4492a

## Product Information

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<b>Application</b>	FC, Pep-ELISA
<b>Primary Accession</b>	<a href="#">O00203</a>
<b>Other Accession</b>	<a href="#">NP_003655</a>
<b>Reactivity</b>	Human
<b>Host</b>	Goat
<b>Clonality</b>	Polyclonal
<b>Clone Names</b>	AP3B1
<b>Calculated MW</b>	121320

## Additional Information

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<b>Gene ID</b>	8546
<b>Other Names</b>	AP3B1; PE; HPS; HPS2; ADTB3; ADTB3A; adaptor-related protein complex 3, beta 1 subunit; beta3A-adaptin; AP-3 complex beta-3A subunit
<b>Dilution</b>	FC~~1:10~50 Pep-ELISA~~N/A
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	Goat anti-AP3B1 / HPS Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	AP3B1
<b>Synonyms</b>	ADTB3A
<b>Function</b>	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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.