

Rabbit AP3B1 Polyclonal Antibody | anti-AP3B1 antibody

AP3B1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322918	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

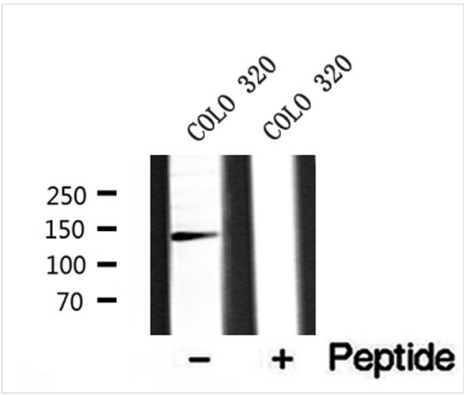
PRODUCT SYNONYMS

AP3B1; Polyclonal Antibody; AP3B1 Antibody; Adapter related protein complex 3 beta 1 subunit; Adapter-related protein complex 3 subunit beta-1; Adaptor protein complex AP-3 subunit beta-1; Adaptor protein complex AP3 beta1 subunit; ADTB3; ADTB3A; AP-3 complex subunit beta-1; AP3 complex beta1 subunit; AP3B1_HUMAN; Beta-3A-adaptin; Beta3A adaptin; Clathrin assembly protein complex 3 beta 1 large chain; Clathrin assembly protein complex 3 beta-1 large chain; HPS; PE; anti-AP3B1 antibody

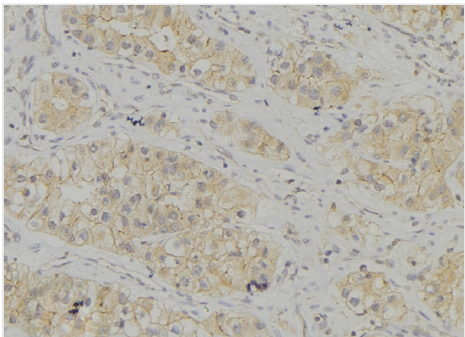
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	AP3B1 antibody detects endogenous levels of AP3B1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1045
Applicable Applications for anti-AP3B1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human AP3B1.
Subcellular Location	Golgi Apparatus. Cytoplasmic Vesicle > Clathrin-Coated Vesicle Membrane. Golgi Apparatus. Component of the coat surrounding the cytoplasmic face of coated vesicles located at the Golgi complex.
Tissue Specificity	Ubiquitously expressed.
Predicted Cross Reactivity	Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of COLO 320 cells, using AP3B1 antibody.



IHC (Immunohistochemistry)
AAA322918 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-AP3B1 antibody	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. Subunit Structure: AP-3 associates with the BLOC-1 complex (By similarity). Adaptor protein complex 3 (AP-3) is a heterotetramer composed of two large adaptins (delta-type subunit AP3D1 and beta-type subunit AP3B1 or AP3B2), a medium adaptin (mu-type subunit AP3M1 or AP3M2) and a small adaptin (sigma-type subunit APS1 or AP3S2). Post-translational Modifications: Phosphorylated on serine residues. Similarity: Belongs to the adaptor complexes large subunit family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	419636284
NCBI GeneID	8546
NCBI Accession #	NP_001258698.1
NCBI GenBank Nucleotide #	NM_001271769.1
UniProt Accession #	O00203; O00580; Q7Z393; Q9HD66; E5RJ68
Molecular Weight	Observed: 140 kDa Predicted: 122 kDa
NCBI Official Full Name	AP-3 complex subunit beta-1 isoform 2
NCBI Official Synonym Full Names	adaptor related protein complex 3 subunit beta 1
NCBI Official Symbol	AP3B1
NCBI Official Synonym Symbols	PE; HPS; HPS2; ADTB3; ADTB3A
NCBI Protein Information	AP-3 complex subunit beta-1
UniProt Protein Name	AP-3 complex subunit beta-1
UniProt Gene Name	AP3B1
UniProt Synonym Gene Names	ADTB3A

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/ap3b1-antibody-immunohistochemistry-western-blot-elisa/322918>