Rabbit AP3B2 Polyclonal Antibody | anti-AP3B2 antibody

AP3B2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40079	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

AP3B2; Polyclonal Antibody; AP3B2 Antibody; NAPTB; AP-3 complex subunit beta-2; Adapter-related protein complex 3 subunit beta-2; adaptor-related protein complex 3; beta 2 subunit; anti-AP3B2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	AP3B2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1082
Applicable Applications for anti-AP3B2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	AP3B2 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human AP3B2
Buffer	AP3B2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures

IMAGES

WB (Western Blot)
Western blot analysis of AP3B2 expression in mouse brain tissue lysate with AP3B2 antibody at (A) 1 and (B) 2 μg/ml.

IF (Immunofluorescence)
Immunofluorescence of AP3B2 in mouse brain tissue with AP3B2 antibody at 20 μg/mL.

IHC (Immunohiostchemistry)
Immunohistochemistry of AP3B2 in mouse brain tissue with AP3B2 antibody at 5 μg/mL.

WB (Western Blot)
Western blot analysis of AP3B2 in rat brain tissue lysate with AP3B2 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-AP3B2 antibody	AP3B2 Antibody: The AP3 complex is a heterotetramer composed of two large adaptins (AP3D1, AP3B1 or AP3B2), a medium adaptin (AP3M1 or AP3M2) and a small adaptin (APS1 or AP3S2). 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. Unlike the homologous AP3B1, AP3B2-containing AP3 complexes are preferentially targeted to neuronal processes, and mice deficient in AP3B2 displayed compromised synaptic zinc stores.

NCBI AND UNIPROT INFORMATION

NCBI GI #	34482047
NCBI GeneID	8120
NCBI Accession #	NP_001265440
NCBI GenBank Nucleotide #	NM_004644.4
UniProt Accession #	Q13367; O14808; Q52LY8; A4Z4T7; B7ZKR7; B7ZKS0
Molecular Weight	121,189 Da
NCBI Official Full Name	AP-3 complex subunit beta-2 isoform 2
NCBI Official Synonym Full Names	adaptor-related protein complex 3, beta 2 subunit
NCBI Official Symbol	AP3B2
NCBI Official Synonym Symbols	NAPTB
NCBI Protein Information	AP-3 complex subunit beta-2; beta-3B-adaptin; Neuronal adaptin-like protein, beta-subunit; adaptor protein complex AP-3 subunit beta-2; neuron-specific vesicle coat protein beta-NAP; adapter-related protein complex 3 subunit beta-2; adaptor-related protein complex 3 subunit beta-2; clathrin assembly protein complex 3 beta-2 large chain
UniProt Protein Name	AP-3 complex subunit beta-2
UniProt Gene Name	**AP3B2**
UniProt Entry Name	AP3B2_HUMAN

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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/ap3b2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40079