

Rabbit AP3D1 Polyclonal Antibody | anti-AP3D1 antibody

AP3D1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328769	Rabbit	Human, Mouse, RatPredicted: Pig, Bovine, Horse, Sheep, Dog, Chicken, Xenopus	Western Blot

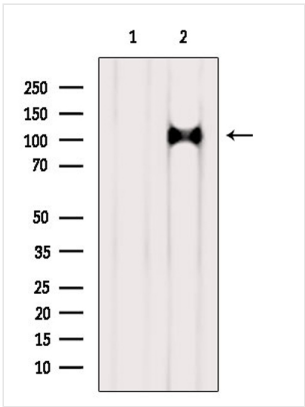
PRODUCT SYNONYMS

AP3D1; Polyclonal Antibody; AP3D1 Antibody; Adapter-related protein complex 3 subunit delta-1; adaptor-related protein complex 3; delta 1 subunit; ADTD; AP 3 complex delta subunit; AP-3 complex subunit delta; AP-3 complex subunit delta-1; ap3d1; AP3D1_HUMAN; Delta 1 subunit of adaptor-related protein complex 3; Delta Adaptin; Delta-adaptin; hBLVR; Subunit of putative vesicle coat adaptor complex AP 3; anti-AP3D1 antibody

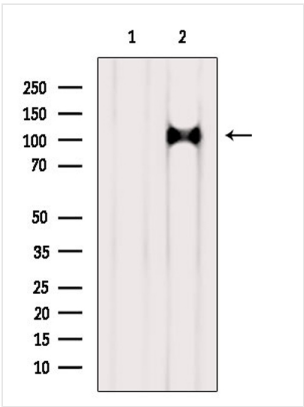
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	AP3D1 Antibody detects endogenous levels of AP3D1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
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	1153
Applicable Applications for anti-AP3D1 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human AP3D1.
Tissue Specificity	Present in all adult tissues examined with the highest levels in skeletal muscle, heart, pancreas and testis.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Golgi Apparatus
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 from Rat brain, using AP3D1 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, using AP3D1 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-AP3D1 antibody	Description: Part of the AP-3 complex, an adaptor-related complex which is not clathrin-associated. 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. Involved in process of CD8+ T-cell and NK cell degranulation (PubMed:26744459). 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 (By similarity).
	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) (By similarity). Interacts with SLC30A2 (PubMed:25808614).
	Similarity: Belongs to the adaptor complexes large subunit family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	117553580
NCBI GeneID	8943
NCBI Accession #	NP_003929.4
NCBI GenBank Nucleotide #	NP_003929.4
UniProt Accession #	O14617
Molecular Weight	Observed: 110 kDa Predicted: 131 kDa
NCBI Official Full Name	AP-3 complex subunit delta-1 isoform 2
NCBI Official Synonym Full Names	adaptor related protein complex 3 subunit delta 1
NCBI Official Symbol	AP3D1
NCBI Official Synonym Symbols	ADTD; HPS10; hBLVR
NCBI Protein Information	AP-3 complex subunit delta-1
UniProt Protein Name	AP-3 complex subunit delta-1
UniProt Gene Name	AP3D1
UniProt Entry Name	AP3D1_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/ap3d1-antibody-western-blot-elisa/328769>