

ARG59758 anti-AP3D1 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes AP3D1
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	AP3D1
Species	Human
Immunogen	Synthetic peptide around the middle region of Human AP3D1. (within the following region: RHSSLPTESDEDIAPAQQVDIVTEEMPENALPSDEDDKDPNDPYRALDID)
Conjugation	Un-conjugated
Alternate Names	ADTD; hBLVR; AP-3 complex subunit delta; Adaptor-related protein complex 3 subunit delta-1; AP-3 complex subunit delta-1; Delta-adaptin

Application Instructions

Application table	Application	Dilution
	WB	1 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 130 kDa	

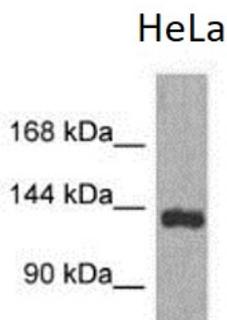
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS, 0.09% (w/v) Sodium azide and 2% Sucrose.
Preservative	0.09% (w/v) Sodium azide
Stabilizer	2% Sucrose
Concentration	Batch dependent: 0.5 - 1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	AP3D1
Gene Full Name	adaptor-related protein complex 3, delta 1 subunit
Background	The protein encoded by this gene is a subunit of the AP3 adaptor-like complex, which is not clathrin-associated, but is associated with the golgi region, as well as more peripheral structures. The AP-3 complex facilitates the budding of vesicles from the golgi membrane, and may be directly involved in trafficking to lysosomes. This subunit is implicated in intracellular biogenesis and trafficking of pigment granules, and possibly platelet dense granules and neurotransmitter vesicles. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]
Function	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. 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. [UniProt]
Calculated Mw	130 kDa
Cellular Localization	Cytoplasm. Golgi apparatus membrane; Peripheral membrane protein; Cytoplasmic side. [UniProt]

Images



ARG59758 anti-AP3D1 antibody WB image

Western blot: HeLa whole cell lysate stained with ARG59758 anti-AP3D1 antibody at 1 µg/ml dilution.