

Datasheet for ABIN910376

anti-ALIX antibody (AA 601-700) (AbBy Fluor® 488)



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Overview

Quantity:	100 µL
Target:	ALIX (PDCD6IP)
Binding Specificity:	AA 601-700
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALIX antibody is conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PDC6I
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	ALIX (PDCD6IP)
Alternative Name:	PDC6I (PDCD6IP Products)
Background:	Synonyms: AIP1, ALG 2 interacting protein 1, ALG-2-interacting protein 1, ALG2 interacting

Target Details

protein X, Alix, Apoptosis linked gene 2 interacting protein X, Dopamine receptor interacting protein 4, DRIP4, HP95, KIAA1375, MGC17003, PDC6L_HUMAN, PDCD6 interacting protein, PDCD6-interacting protein, PDCD6IP, Programmed cell death 6 interacting protein, Programmed cell death 6-interacting protein.

Background: Class E VPS protein involved in concentration and sorting of cargo proteins of the multivesicular body (MVB) for incorporation into intraluminal vesicles (ILVs) that are generated by invagination and scission from the limiting membrane of the endosome. Binds to the phospholipid lysobisphosphatidic acid (LBPA) which is abundant in MVBs internal membranes. The MVB pathway appears to require the sequential function of ESCRT-O, -I,-II and -III complexes. The ESCRT machinery also functions in topologically equivalent membrane fission events, such as the terminal stages of cytokinesis and enveloped virus budding (HIV-1 and other lentiviruses). Appears to be an adapter for a subset of ESCRT-III proteins, such as CHMP4, to function at distinct membranes. Required for completion of cytokinesis. Involved in HIV-1 virus budding. Can replace TSG101 it its role of supporting HIV-1 release, this function implies the interaction with CHMP4B. May play a role in the regulation of both apoptosis and cell proliferation.

Gene ID:	10015
Pathways:	p53 Signaling , EGFR Signaling Pathway , Sensory Perception of Sound , Cellular Response to Molecule of Bacterial Origin , Tube Formation

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months