

Datasheet for ABIN181090 **anti-ALIX antibody**



[Go to Product page](#)

1 Image

Overview

Quantity:	0.1 mg
Target:	ALIX (PDCD6IP)
Reactivity:	Human, Mouse, Rat, Xenopus laevis
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ALIX antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Alix fusion protein.
Clone:	3A9
Isotype:	IgG1
Specificity:	This antibody recognises apoptotic-linked-gene-product 2 (ALG-2) interacting protein X (ALIX), a conserved adaptor protein which is ubiquitously expressed.
Characteristics:	Synonyms: PDCD6-interacting protein, ALG-2-interacting protein 1, Hp95, KIAA1375, Programmed celldeath 6-interacting protein
Purification:	Affinity Chromatography on Protein G

Target Details

Target:	ALIX (PDCD6IP)
---------	----------------

Target Details

Alternative Name:	ALIX / PDCD6IP (PDCD6IP Products)
Background:	ALIX was originally reported to play a role in apoptosis but has recently been shown to be involved in other cellular mechanisms including endosomal sorting, endocytosis, viral budding and actin cytoskeleton assembly. ALG2 interacting protein X is a Class E VPS protein involved in concentration and sorting of cargo proteins of the multivesicular body (MVB) for incorporation into intraluminal vesicles. Fusion between endosomes and the vacuole will then target the cargo proteins to the vacuolar lumen. In case of infection, the HIV-1 virus directly takes advantage of its function for viral exocytosis and budding, via its interaction with HIV-1 p6 protein. It may play a role in the regulation of both apoptosis and cell proliferation Synonyms: ALG-2-interacting protein 1, Hp95, KIAA1375, PDCD6-interacting protein, Programmed cell death 6-interacting protein
Gene ID:	10015
UniProt:	Q8WUM4
Pathways:	p53 Signaling , EGFR Signaling Pathway , Sensory Perception of Sound , Cellular Response to Molecule of Bacterial Origin , Tube Formation

Application Details

Application Notes:	ELISA. Western Blot. Immunoprecipitation. Immunofluorescence. Immunohistochemistry on Paraffin Sections: This product does not require proteindigestion pre-treatment of paraffin sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

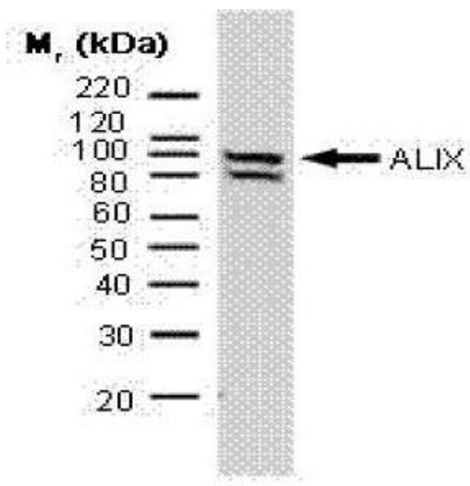
Concentration:	1.0 mg/mL
Buffer:	PBS, pH 7.4, 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C

Handling

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

Expiry Date: 12 months

Images



Western Blotting
Image 1.