

Datasheet for ABIN3043596
anti-ALIX antibody (AA 2-330)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	ALIX (PDCD6IP)
Binding Specificity:	AA 2-330
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALIX antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Programmed cell death 6-interacting protein(PDCD6IP) detection. Tested with WB in Human,Mouse,Rat.
Immunogen:	E.coli-derived human ALIX recombinant protein (Position: A2-D330). Human ALIX shares 96.7% and 95.2% amino acid (aa) sequence identity with mouse and rat ALIX, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	<p>Rabbit IgG polyclonal antibody for Programmed cell death 6-interacting protein(PDCD6IP) detection. Tested with WB in Human,Mouse,Rat.</p> <p>Gene Name: programmed cell death 6 interacting protein</p> <p>Protein Name: Programmed cell death 6-interacting protein</p>
Purification:	Immunogen affinity purified.

Target Details

Target:	ALIX (PDCD6IP)
Alternative Name:	PDCD6IP (PDCD6IP Products)
Background:	<p>Programmed cell death 6-interacting protein is a protein that in humans is encoded by the PDCD6IP gene. This gene encodes a protein that functions within the ESCRT pathway in the abscission stage of cytokinesis, in intraluminal endosomal vesicle formation, and in enveloped virus budding. Studies using mouse cells have shown that overexpression of this protein can block apoptosis. In addition, the product of this gene binds to the product of the PDCD6 gene, a protein required for apoptosis, in a calcium-dependent manner. This gene product also binds to endophilins, proteins that regulate membrane shape during endocytosis. Overexpression of this gene product and endophilins results in cytoplasmic vacuolization, which may be partly responsible for the protection against cell death. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.</p> <p>Synonyms: AIP1 antibody ALG 2 interacting protein 1 antibody ALG-2-interacting protein 1 antibody ALG2 interacting protein X antibody Alix antibody Apoptosis linked gene 2 interacting protein X antibody Dopamine receptor interacting protein 4 antibody DRIP4 antibody Hp95 antibody KIAA1375 antibody MGC17003 antibody PDC6L_HUMAN antibody PDCD6 interacting protein antibody PDCD6-interacting protein antibody PDCD6IP antibody Programmed cell death 6 interacting protein antibody Programmed cell death 6-interacting protein antibody</p>
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:	WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Mouse, Rat Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB.
Restrictions:	For Research Use only

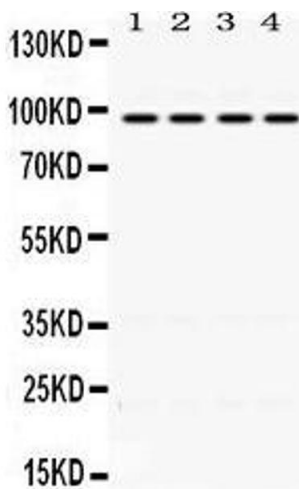
Handling

Format:	Lyophilized
---------	-------------

Handling

Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1.