

Datasheet for ABIN1512565
anti-ALIX antibody (AA 1-180)

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Overview

Quantity:	100 µg
Target:	ALIX (PDCD6IP)
Binding Specificity:	AA 1-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALIX antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of human ALIX / PDCD6IP (NP_037506.2).
Sequence:	MATFISVQLK KTSEVDLAKP LVKFIQQTYP SGGEEQAQYC RAAEELSKLR RAAVGRPLDK HEGALETLLR YYDQICSIEP KFPFSENQIC LTFTWKDAFD KGSLFGGSVK LALASLGYEK SCVLFNCAAL ASQIAAEQNL DNDEGLKIAA KHYQFASGAF LHIKETVLSA LSREPTVDIS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	ALIX (PDCD6IP)
Alternative Name:	PDCD6IP (PDCD6IP Products)
Background:	<p>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. Related pseudogenes have been identified on chromosome 15.,PDCD6IP,AIP1,ALIX,DRIP4,HP95,Signal Transduction,Cell Biology & Developmental Biology,Apoptosis,PDCD6IP</p>
Molecular Weight:	30 kDa/96 kDa
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:	WB,1:200 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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 freeze / thaw cycles
Storage:	-20 °C

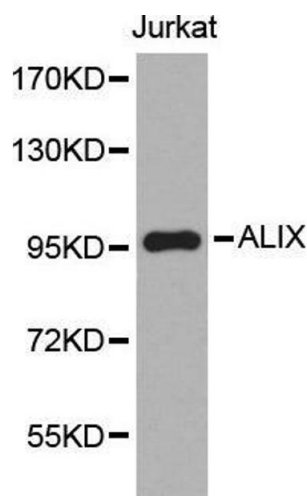
Handling

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Publications

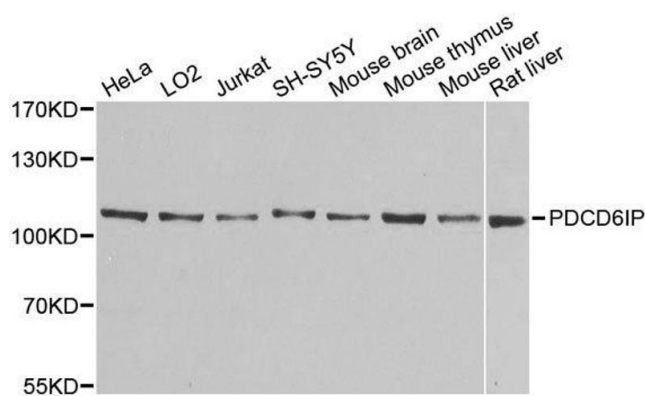
Product cited in: Li, Zhong, Liu, Yu, Chen, Wang, Shi, Yuan: "Evidence for Kaposi Sarcoma Originating from Mesenchymal Stem Cell through KSHV-induced Mesenchymal-to-Endothelial Transition." in: **Cancer research**, Vol. 78, Issue 1, pp. 230-245, (2018) ([PubMed](#)).

Images



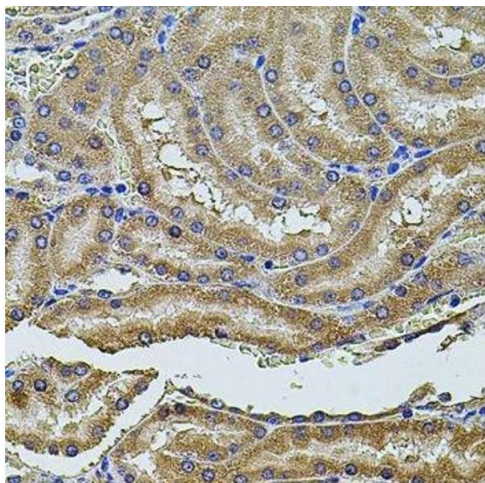
Western Blotting

Image 1. Western blot analysis of extracts of Jurkat cell line, using ALIX antibody.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using PDCD6IP antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded rat kidney using PDCD6IP antibody.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN1512565.