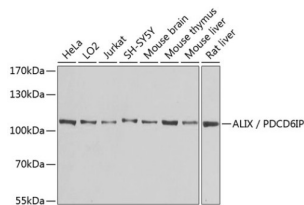
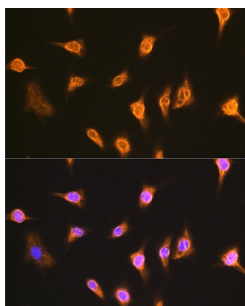


Programmed Cell Death 6-Interacting Protein (PDCD6IP) Antibody

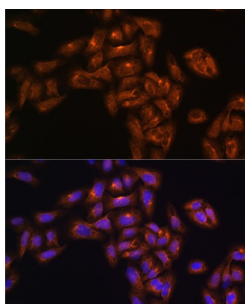
Catalogue No.: abx001822



Western blot analysis of extracts of various cell lines using ALIX / PDCD6IP Antibody (1/1000 dilution).



Immunofluorescence analysis of L929 cells using ALIX / PDCD6IP Antibody (1/100 dilution). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-251MG cells using ALIX / PDCD6IP antibody (1/100 dilution). Blue: DAPI for nuclear staining.

ALIX Antibody is a Rabbit Polyclonal antibody against ALIX. 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.

Target: Programmed Cell Death 6-Interacting Protein (PDCD6IP)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB, IF/ICC

Datasheet

Version: 4.0.0
Revision date: 19 Jun 2025



Host:	Rabbit
Recommended dilutions:	WB: 1/200 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human ALIX / PDCD6IP
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q8WUM4 (UniProt , ExPASy)
Gene Symbol:	PDCD6IP
GeneID:	10015
OMIM:	608074
NCBI Accession:	NP_037506.2
HGNC:	8766
KEGG:	hsa:10015
Ensembl:	ENSG00000170248
String:	9606.ENSP00000411825
Molecular Weight:	Calculated MW: 30 kDa/96 kDa Observed MW: 105 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.