

## Product datasheet for **TA379721**

### ALIX (PDCD6IP) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB,1:200 - 1:2000 IF,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of human ALIX / PDCD6IP (NP_037506.2).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	30kDa/96kDa
Gene Name:	programmed cell death 6 interacting protein
Database Link:	<a href="#">Entrez Gene 10015 Human</a> <a href="#">Q8WUM4</a>



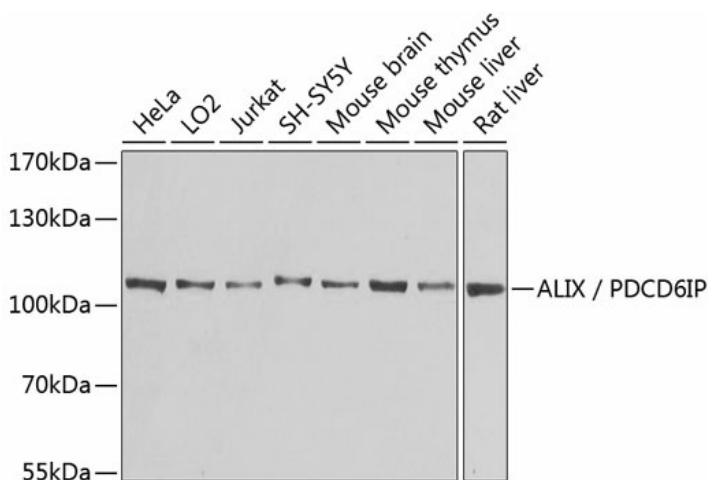
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**Background:**

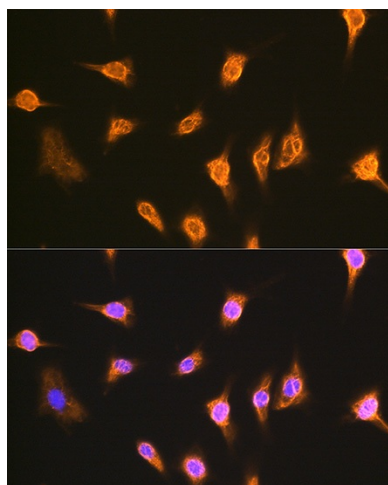
This gene encodes a protein that functions within the ESCRT pathway in the abscission stage of cytokinesis, in intraluminal endosomal vesicle formation, and in enveloped virus budding. Studies using mouse cells have shown that overexpression of this protein can block apoptosis. In addition, the product 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.

**Synonyms:**

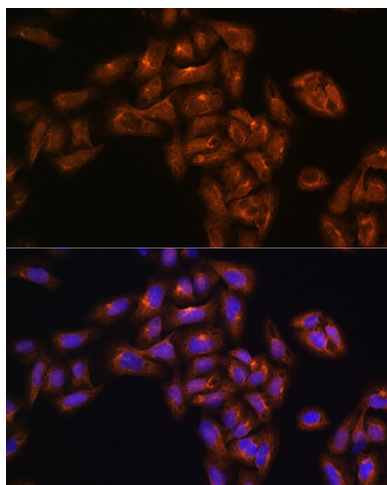
AIP1; Alix; DRIP4; Hp95; KIAA1375; MGC17003

**Product images:**


Western blot analysis of extracts of various cell lines, using ALIX / PDCD6IP antibody (TA379721) at 1:1000 dilution. |Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. |Lysates/proteins: 25ug per lane. |Blocking buffer: 3% nonfat dry milk in TBST. |Detection: ECL Enhanced Kit . |Exposure time: 3min.



Immunofluorescence analysis of L929 cells using ALIX / PDCD6IP antibody (TA379721) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-251MG cells using ALIX / PDCD6IP antibody (TA379721) at dilution of 1:100. Blue: DAPI for nuclear staining.