

Anti-PDCD6IP Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse (predicted: Rat)
Molecular Weight:	Theoretical: 95 kDa. Actual: 100 kDa.
Purification:	Protein A purified

Applications

1. Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-IL-10 Polyclonal Antibody, Unconjugated 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

2. Sample:

Lane 1: Testis (Mouse) Lysate at 40 µg

Lane 2: Cerebrum (Mouse) Lysate at 40 µg

Verified Activity: Lane 3: Testis (Rat) Lysate at 40 µg

Lane 4: Cerebrum (Rat) Lysate at 40 µg

Lane 5: Jurkat (Human) Cell Lysate at 30 µg

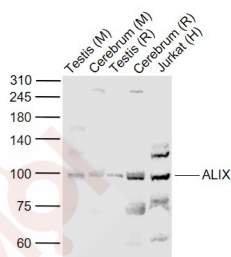
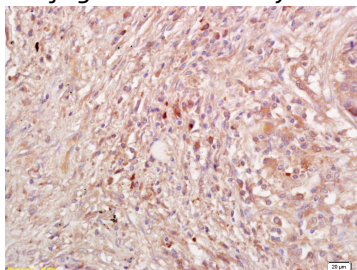
Primary: Anti-ALIX (TMAB-01348) at 1/1000 dilution

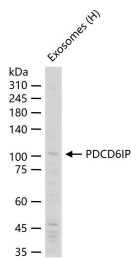
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 95 kDa

Observed band size: 100 kDa

3. 25 µg total protein per Lane of various lysates probed with PDCD6IP polyclonal antibody, unconjugated (TMAB-01348) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at RT for 60 min.





Application: IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human PDCD6IP

Antigen Species: Human

Gene ID: 10015

Uniprot ID: Q8WUM4

Synonyms: Hp95;ALIX;ALG-2-interacting protein 1;Programmed cell death 6-interacting protein;KIAA1375; AIP1;ALG-2-interacting protein X;PDCD6-interacting protein

Biology Area: Death Ligands,Host Virus Interaction,Regulation

Research 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. [provided by RefSeq, Jan 2012]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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