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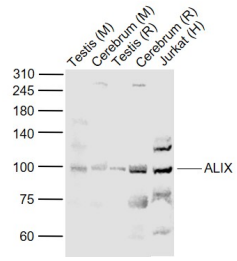
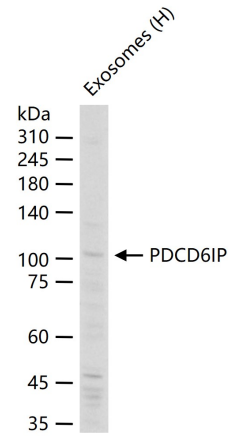
PDCD6IP Rabbit pAb

Catalog Number:	bs-6767R
Target Protein:	PDCD6IP
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)
Reactivity:	Human, Mouse, Rat
Predicted MW:	95 kDa
Subcellular Locations:	Cytoplasm
Entrez Gene:	10015
Swiss Prot:	Q8WUM4
Source:	KLH conjugated synthetic peptide derived from human PDCD6IP: 601-700/868.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	This gene encodes a protein that functions within the ESCRT pathway in the abscission stage of cytokinesis, in intralumenal 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]

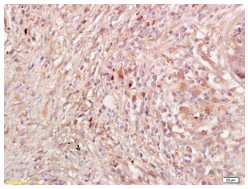
VALIDATION IMAGES



Sample: Lane 1: Testis (Mouse) Lysate at 40 ug Lane 2: Cerebrum (Mouse) Lysate at 40 ug Lane 3: Testis (Rat) Lysate at 40 ug Lane 4: Cerebrum (Rat) Lysate at 40 ug Lane 5: Jurkat (Human) Cell Lysate at 30 ug Primary: Anti-ALIX (bs-6767R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 95 kD Observed band size: 100 kD



25 ug total protein per lane of various lysates (see on figure) probed with PDCD6IP polyclonal antibody, unconjugated (bs-6767R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-IL-10 Polyclonal Antibody, Unconjugated(bs-6761R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

PRODUCT SPECIFIC PUBLICATIONS

[IF=3.811] Sun Z et al. Glioblastoma Stem Cell-Derived Exosomes Enhance Stemness and Tumorigenicity of Glioma Cells by Transferring Notch1 Protein. Cell Mol Neurobiol. 2019 Dec 18. WB ; Human&Mouse . 31853695

[IF=4] Liang Min. et al. Astragaloside IV Suppresses the Effects of Hepatocellular Carcinoma Cells on Proliferation, Angiogenesis, and Invasion in Human Umbilical Vein Endothelial Cells by Controlling Exosomes by Inhibiting Rab27a. J FOOD BIOCHEM. 2023;2023:8812742 WB ; Human . 10.1155/2023/8812742