

Nur für Forschungszwecke

Alix Polyklonaler Antikörper

Katalog-Nr.:12422-1-AP

Vorgestelltes Produkt

136 Publikationen



Allgemeine Informationen

Katalog-Nr.: 12422-1-AP	GenBank-Zugangsnummer: BC020066	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 800 µg/ml von Nanodrop;	GeneID (NCBI): 10015	Empfohlene Verdünnungen: WB 1:5000-1:50000 IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB
Wirt: Kaninchen	Vollständiger Name: programmed cell death 6 interacting protein	IHC 1:50-1:500 IF 1:10-1:100
Isotyp: IgG	Berechnete Masse: 868 aa, 96 kDa	
Immunogen Katalognummer: AG3074	Beobachtete Masse: 96 kDa, 75-80 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

Positivkontrollen:

WB : HEK-293-Zellen, HeLa-Zellen, Jurkat-Zellen, Mauslebergewebe, NIH/3T3-Zellen, Rattenlebergewebe

IP : Jurkat-Zellen,

IHC : humanes Leberkarzinomgewebe,

IF : HeLa-Zellen,

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Hintergrundinformationen

ALG-2-interacting protein 1 (ALIX), also known as AIP1 or Hp95, is encoded by PDCC61P gene and is involved in cell death through mechanisms involving its binding partner ALG-2 (apoptosis-linked gene-2). ALG-2 is a 22-kDa protein containing five serially repetitive EF-hand structures and is defined as a regulator of calcium-induced apoptosis following endoplasmic reticulum (ER) stress. ALIX interacts with ALG-2 through its C-terminal proline-rich region and participates in formation of multivesicular bodies. Recent finding suggest that ALIX is a critical component of caspase 9 activation and apoptosis triggered by calcium. The alix antibody recognizes an additional band of 75-80 kDa which has also been observed in cells and exosomes.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Christopher R Silvers	34564696	Br J Cancer	WB
Denghui Wei	32958903	Cell Res	WB
Xue Zou	33002418	Mol Ther	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

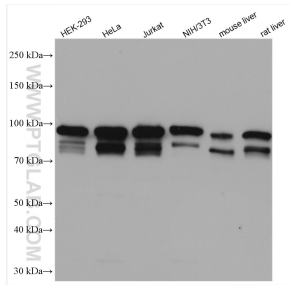
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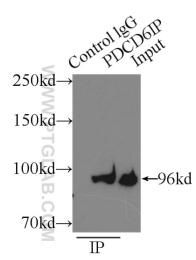
E: proteintech@ptglab.com
W: ptglab.com

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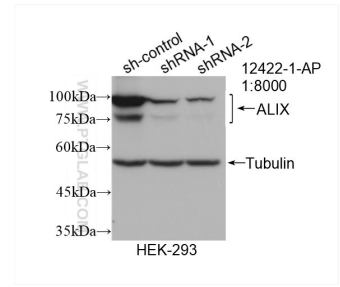
Ausgewählte Validierungsdaten



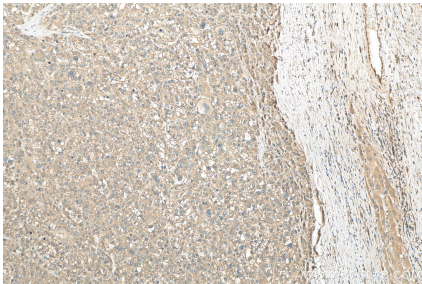
Various lysates were subjected to SDS PAGE followed by western blot with 12422-1-AP (Alix antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



IP Result of anti-PDCD6IP (IP:12422-1-AP, 3ug; Detection:12422-1-AP 1:500) with Jurkat cells lysate 4000ug.



WB result of Alix antibody (12422-1-AP; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Alix transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 12422-1-AP (Alix antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).