

Rabbit anti-Human ALIX Polyclonal Antibody | anti-ALIX antibody

Rabbit anti-ALIX Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212078	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

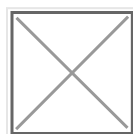
PRODUCT SYNONYMS

ALIX; Polyclonal Antibody; Rabbit anti-ALIX Antibody; Affinity Purified; dopamine receptor interacting protein 4; ALG-2 interacting protein 1; programmed cell death 6-interacting protein; PDCD6-interacting protein; HP95; DRIP4; AIP1; ALG-2-interacting protein 1; ALG-2-interacting protein X; apoptosis-linked gene 2-interacting protein X; Programmed cell death 6-interacting protein; programmed cell death 6 interacting protein; anti-ALIX antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-ALIX antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Rat
Immunogen	Between 818 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human ALIX by western blot and immunoprecipitation. Samples: Whole cell lysate (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-ALIX antibody AAA212078 used for WB at 0.04 ug/ml (A) and 0.4 ug/ml (B) and used for IP at 3 ug/mg lysate. ALIX was also immunoprecipitated by rabbit anti-ALIX antibody A302-937A, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 10 seconds (B).



IHC (Immunohistochemistry)

Detection of human ALIX by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-ALIX (Cat. No. AAA212078 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-ALIX antibody

ALIX (ALG-2 interacting protein X) is thought to participate in programmed cell death. Studies using mouse cells have shown that overexpression of ALIX can block apoptosis. ALIX has been shown to bind to the PDCD6 (programmed cell death 6 interacting protein), a protein required for apoptosis, in a calcium-dependent manner. ALIX also binds to endophilins, proteins that regulate membrane shape during endocytosis [taken from NCBI Entrez Gene (Gene ID: 10015)].

NCBI AND UNIPROT INFORMATION

NCBI GI #	22027538
NCBI GeneID	10015
NCBI Accession #	NP_037506.2
NCBI GenBank Nucleotide #	NM_013374.5
UniProt Accession #	Q8WUM4; Q6NUS1; Q9BX86; Q9NUN0; Q9P2H2; Q9UKL5; C5MQH7; E9PFU1
Molecular Weight	30,453 Da
NCBI Official Full Name	programmed cell death 6-interacting protein isoform 1
NCBI Official Synonym Full Names	programmed cell death 6 interacting protein
NCBI Official Symbol	PDCD6IP
NCBI Official Synonym Symbols	AIP1; ALIX; HP95; DRIP4
NCBI Protein Information	programmed cell death 6-interacting protein
UniProt Protein Name	Programmed cell death 6-interacting protein
UniProt Gene Name	PDCD6IP
UniProt Synonym Gene Names	AIP1; ALIX; KIAA1375; PDCD6-interacting protein
UniProt Entry Name	PDC6I_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.