

Alix rabbit pAb

Cat No.:ES18395

For research use only

Overview

Product Name	Alix rabbit pAb
Host species	Rabbit
Applications	WB; ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000, ELISA(peptide)1:5000-20000
Immunogen	Synthesized peptide derived from human Alix AA range: 410-490
Specificity	This antibody detects endogenous levels of human Alix
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Alix
Gene Name	PDCD6IP AIP1 ALIX KIAA1375
Cellular localization	Cytoplasm, cytosol . Melanosome . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Secreted, extracellular exosome . Cell junction, tight junction . Midbody, Midbody ring . Identified by mass spectrometry in melanosome fractions from s
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	85-100kD
Human Gene ID	10015
Human Swiss-Prot Number	Q8WUM4
Alternative Names	Programmed cell death 6-interacting protein (PDCD6-interacting protein;ALG-2-interacting protein 1;Hp95)
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],

Western blot analysis of lysates from HT-29, NIH/3T3, and HepG2 cells, primary antibody was diluted at 1:1000, 4° over night, secondary antibody(cat: RS23920)was diluted at 1:10000, 37° 1hour.

