

Product datasheet for **AP54754SU-N**

ALIX (PDCD6IP) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	ELISA. Western Blot: 1/200-1/1000. Immunohistochemistry: 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Recombinant Alix Protein
Specificity:	Reacts with Human 91-93 kDa Alix protein
Formulation:	State: Serum State: Lyophilized powder Preservative: None
Reconstitution Method:	Restore in distilled water.
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one week or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	programmed cell death 6 interacting protein
Database Link:	Entrez Gene 10015 Human Q8WUM4



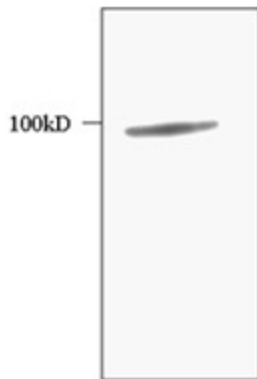
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Background:

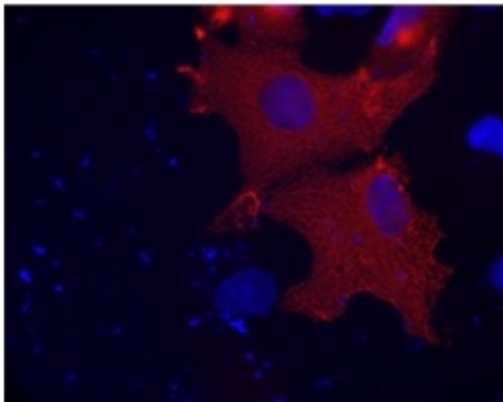
ALIX was originally reported to play a role in apoptosis but has recently been shown to be involved in other cellular mechanisms including endosomal sorting, endocytosis, viral budding and actin cytoskeleton assembly. ALG2 interacting protein X is a Class E VPS protein involved in concentration and sorting of cargo proteins of the multivesicular body (MVB) for incorporation into intraluminal vesicles. Fusion between endosomes and the vacuole will then target the cargo proteins to the vacuolar lumen. In case of infection, the HIV-1 virus directly takes advantage of its function for viral exocytosis and budding, via its interaction with HIV-1 p6 protein. It may play a role in the regulation of both apoptosis and cell proliferation.

Synonyms:

PDCD6-interacting protein, ALG-2-interacting protein 1, Hp95, KIAA1375

Product images:

Western Blot using ALIX antibody Cat.-No AP54754SU-N



BHK cell line transfected with Alix gene and stained with ALIX antibody Cat.-No AP54754SU-N