

Product datasheet for **TA352527**

ALIX (PDCD6IP) Mouse Monoclonal Antibody [Clone ID: 3A9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3A9
Applications:	WB
Recommended Dilution:	WB, IP, IF
Reactivity:	Human, Mouse, Frog
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	Recombinant full-length human Alix protein
Formulation:	This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	lot specific
Purification:	The antibody was purified by affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	95.8 kDa
Gene Name:	programmed cell death 6 interacting protein
Database Link:	NP_037506 Entrez Gene 18571 Mouse Entrez Gene 10015 Human Q8WUM4



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Background:

Alix (ALG-2-interacting protein X) is an adaptor protein that was first described for its capacity to bind to the calcium-binding protein ALG-2, the expression of which seemed necessary for cell death. The predicted molecular weight is approximately 96 kD. Alix contains an N-terminal Bro1 domain and a C-terminal proline-rich domain (PRD). The PRD contains multiple polyproline motifs, which are potential docking sites for proteins containing SH3 domains, interact with multiple cellular Alix-binding partners that are involved in apoptotic induction, endosomal sorting, and endocytosis. The Bro1 domain interacts with CHMP4b, which is also involved in endosomal sorting.

Synonyms:

AIP1; ALIX; DRIP4; HP95

Note:

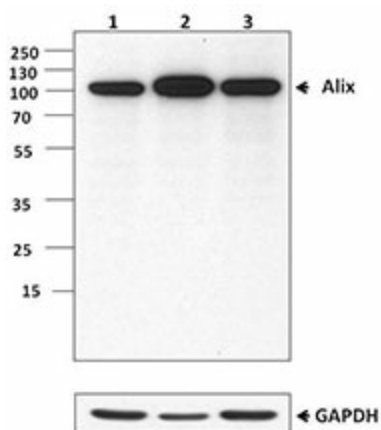
Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 1 µg/ml antibody dilution buffer for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application.

Protein Families:

Druggable Genome

Protein Pathways:

Endocytosis

Product images:

Western blot analysis of HeLa (lane 1), NIH3T3 (lane 2) and Daudi (lane 3) cells using anti-Alix antibody (3A9). GAPDH antibody (poly6314) was used as loading control.