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Product datasheet for TA328026

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	3A9
Applications:	WB
Recommend Dilution:	WB, IP, IF
Reactivity:	Frog, Human, Mouse
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:	0.5 mg/ml
Purification:	The antibody was purified by affinity chromatography.
Predicted Protein Size:	96 kD
Gene Name:	programmed cell death 6 interacting protein
Database Link:	NP_037506 Entrez Gene 18571 MouseEntrez Gene 10015 Human
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. Predicted molecular weight 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, interactwith multiple cellular Alix-binding partners that are involvedin apoptotic induction, endosomal sorting,and endocytosis. Bro1 domain interacts with CHMP4b which is also involved in endosomal sorting.
Synonyms:	AIP1; ALIX; DRIP4; HP95
Protein Families:	Druggable Genome
Protein Pathways:	Endocytosis

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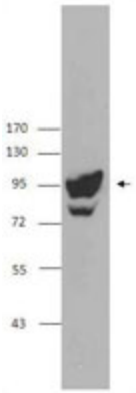
Product images:



NIH3T3 whole cell extracts were resolved by electrophoresis, transferred to nitrocellulose, and probed with anti-Alix antibody (clone 3A9). Proteins were visualized using a goat anti-mouse-IgG secondary conjugated to HRP and chemiluninescence detection.