

**DATASHEET**

**ALIX Rabbit Monoclonal Antibody(C3117)**

CAT. NO. AMA02729

**KEY FEATURES**

Target	ALIX	Source / Host	Rabbit
Reactivity	Human, Rat, Hamster	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.	Storage	at-20°C

**BACKGROUND**

Multifunctional protein involved in endocytosis, multivesicular body biogenesis, membrane repair, cytokinesis, apoptosis and maintenance of tight junction integrity. Class E VPS protein involved in concentration and sorting of cargo proteins of the multivesicular body (MVB) for incorporation into intraluminal vesicles (ILVs) that are generated by invagination and scission from the limiting membrane of the endosome. Binds to the phospholipid lysobisphosphatidic acid (LBPA) which is abundant in MVBs internal membranes. The MVB pathway requires the sequential function of ESCRT-O, -I,-II and -III complexes for incorporation into intraluminal vesicles (ILVs) that are generated by invagination and scission from the limiting membrane of the endosome.

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

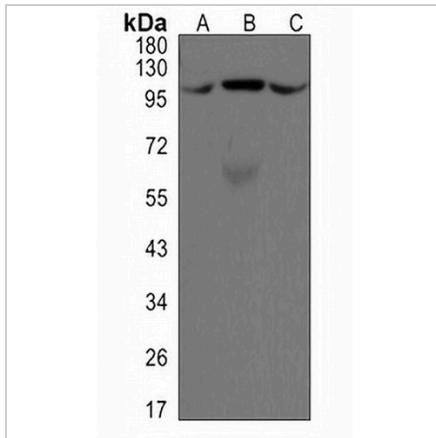
Description	Rabbit monoclonal antibody to ALIX
Specificity	Recognizes endogenous levels of ALIX protein.
Antibody Type	Primary antibody
Immunogen	Recombinant protein of human ALIX
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 96 kD; Observed: 96 kD
Form/Buffer	Liquid in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Alternative Names	AIP1; ALIX; KIAA1375; Programmed cell death 6-interacting protein; PDCD6-interacting protein; ALG-2-interacting protein 1; ALG-2-interacting protein X; Hp95
Gene Symbol	PDCD6IP
Entrez Gene	10015(Human); 501083(Rat)
SwissProt	Q8WUM4(Human); Q9QZA2(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of ALIX expression in CHOK1 (A), rat brain (B), Jurkat (C) whole cell lysates. (Predicted band size: 96 kD; Observed band size: 96 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.