

[Go to Product page](#)

Datasheet for ABIN7384341 **anti-ALIX antibody**

Overview

Quantity:	50 µL
Target:	ALIX (PDCD6IP)
Reactivity:	Human, Rat, Hamster
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This ALIX antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Clone:	R03-8C2
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	ALIX (PDCD6IP)
Alternative Name:	ALIX (PDCD6IP Products)
Background:	PDCD6IP,AIP1,ALIX,DRIP4,HP95,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

Target Details

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.

Molecular Weight:	Observed_MW: 96kDa Calculated_MW: 96kDa
-------------------	--------------------------------------------

Gene ID:	10015
----------	-------

UniProt:	Q8WUM4
----------	------------------------

Pathways:	p53 Signaling , EGFR Signaling Pathway , Sensory Perception of Sound , Cellular Response to Molecule of Bacterial Origin , Tube Formation
-----------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Application Details

Application Notes:	WB 1:1000-1:2000
--------------------	------------------

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Concentration:	300 µg/mL
----------------	-----------

Buffer:	50 mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40 % Glycerol, 0.01 % Sodium azide and 0.05 % BSA
---------	--------------------------------------------------------------------------------------------

Preservative:	Sodium azide
---------------	--------------

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
--------------------	------------------------------------------------------------------------------------------------------------------------

Storage:	-20 °C
----------	--------

Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.
------------------	---------------------------------------------