

Datasheet for ABIN1410743

anti-ALIX antibody (AA 301-380) (Cy5.5)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ALIX (PDCD6IP)
Binding Specificity:	AA 301-380
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALIX antibody is conjugated to Cy5.5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human AIP1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep
Purification:	Purified by Protein A.

Target Details

Target:	ALIX (PDCD6IP)
Alternative Name:	AIP1 (PDCD6IP Products)
Background:	Synonyms: Activin receptor interacting protein 1, Acvri1, Acvrinp1, ACVRIP1, AIP 1, Aip-1, ARIP1,

Target Details

Atrophin 1 interacting protein 1, Atrophin 1 interacting protein A, Atrophin-1-interacting protein 1, Atrophin-1-interacting protein A, MAGI-2, MAGI2, MAGI2_HUMAN, Membrane associated guanylate kinase 2, Membrane associated guanylate kinase inverted 2, Membrane associated guanylate kinase WW and PDZ domain containing 2, Membrane associated guanylate kinase WW and PDZ domain containing protein 2, Membrane-associated guanylate kinase, Membrane-associated guanylate kinase inverted 2, S SCAM, SSCAM, WW and PDZ domain-containing protein 2.

Background: AIP1 (ASK-interacting protein 1), also known as DAB2IP (DAB2 interacting protein), is a 1,189 amino acid protein that localizes to both the membrane and the cytoplasm and contains one Ras-GAP domain, one PH domain and one C2 domain. Expressed at low levels in prostate tissue, AIP1 functions as a Ras GTPase-activating protein that interacts with ASK 1 and, via this interaction, disrupts the association of ASK 1 with an inhibitory 14-3-3 complex, thereby allowing free ASK 1 to function within the cell. AIP1 exists as multiple alternatively spliced isoforms and is down-regulated in prostate cancer tissue, suggesting a role in tumor suppression. Chromosomal aberrations in the gene encoding AIP1 are associated with acute myeloid leukemia (AML), implicating a role for AIP1 fusion proteins in tumorigenesis.

Pathways: [p53 Signaling](#), [EGFR Signaling Pathway](#), [Sensory Perception of Sound](#), [Cellular Response to Molecule of Bacterial Origin](#), [Tube Formation](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Handling

Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months