Datasheet for ABIN181090

# anti-ALIX antibody

1 Image

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## Overview

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|---|---|
| Quantity: | 0.1 mg |
| Target: | ALIX (PDCD6IP) |
| Reactivity: | Human, Mouse, Rat, Xenopus laevis |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This ALIX antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA) |

## Product Details

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| Immunogen: | Alix fusion protein. |
| Clone: | 3A9 |
| Isotype: | IgG1 |
| Specificity: | This antibody recognises apoptotic-linked-gene-product 2 (ALG-2) interacting protein X (ALIX), a conserved adaptor protein which is ubiquitously expressed. |
| Characteristics: | Synonyms: PDCD6-interacting protein, ALG-2-interacting protein 1, Hp95, KIAA1375, Programmed celldeath 6-interacting protein |
| Purification: | Affinity Chromatography on Protein G |

## Target Details

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|---|---|
| Target: | ALIX (PDCD6IP) |

## Target Details

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| Alternative Name: | ALIX / PDCD6IP (PDCD6IP Products) |
| Background: | ALIX was originally reported to play a role in apoptosis but has recently been shown to be involved in other cellular mechanisms including endosomal sorting, endocytosis, viral budding and actin cytoskeleton assembly. ALG2 interacting protein X is a Class E VPS protein involved in concentration and sorting of cargo proteins of the multivesicular body (MVB) for incorporation into intralumenal vesicles. Fusion between endosomes and the vacuole will then target the cargo proteins to the vacuolar lumen. In case of infection, the HIV-1 virus directly takes advantage of its function for viral exocytosis and budding, via its interaction with HIV-1 p6 protein. It may play a role in the regulation of both apoptosis and cell proliferationSynonyms: ALG-2-interacting protein 1, Hp95, KIAA1375, PDCD6-interacting protein, Programmed cell death 6-interacting protein |
| 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

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| Application Notes: | ELISA. Western Blot. Immunoprecipitation. Immunofluorescence. Immunohistochemistry on Paraffin Sections: This product does not require proteindigestion pre-treatment of paraffin sections.<br>Other applications not tested.<br>Optimal dilutions are dependent on conditions and should be determined by the user. |
| Restrictions: | For Research Use only |

## Handling

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| Concentration: | 1.0 mg/mL |
| Buffer: | PBS, pH 7.4, 0.09 % Sodium Azide |
| 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: | 4 °C/-20 °C |

## Handling

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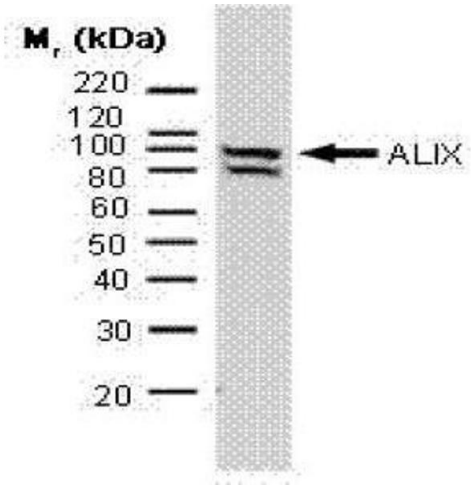
|---|---|
| Storage Comment: | Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.<br>Shelf life: one year from despatch. |
| Expiry Date: | 12 months |

## Images




**Western Blotting**

**Image 1.**