

Datasheet for ABIN7453859  
**anti-ALIX antibody (AA 818-868)**



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## Overview

|                      |                                                                                                                              |
|----------------------|------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 20 µg                                                                                                                        |
| Target:              | ALIX (PDCD6IP)                                                                                                               |
| Binding Specificity: | AA 818-868                                                                                                                   |
| Reactivity:          | Human                                                                                                                        |
| Host:                | Rabbit                                                                                                                       |
| Clonality:           | Polyclonal                                                                                                                   |
| Conjugate:           | This ALIX antibody is un-conjugated                                                                                          |
| Application:         | Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp)) |

## Product Details

|                       |                                              |
|-----------------------|----------------------------------------------|
| Purpose:              | Rabbit anti-ALIX Antibody, Affinity Purified |
| Immunogen:            | between AA 818 and 868                       |
| Isotype:              | IgG                                          |
| Predicted Reactivity: | Mouse,Rat                                    |
| Purification:         | Affinity Purified                            |

## Target Details

|                   |                                           |
|-------------------|-------------------------------------------|
| Target:           | ALIX (PDCD6IP)                            |
| Alternative Name: | ALIX ( <a href="#">PDCD6IP Products</a> ) |

## Target Details

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background:     | Background: ALIX (ALG-2 interacting protein X) is thought to participate in programmed cell death. Studies using mouse cells have shown that overexpression of ALIX can block apoptosis. ALIX has been shown to bind to the PDCD6 (programmed cell death 6 interacting protein), a protein required for apoptosis, in a calcium-dependent manner. ALIX also binds to endophilins, proteins that regulate membrane shape during endocytosis [taken from NCBI Entrez Gene (Gene ID: 10015)]. |
| Gene ID:        | 10015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| NCBI Accession: | <a href="#">NP_037506</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| UniProt:        | <a href="#">Q8WUM4</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Pathways:       | <a href="#">p53 Signaling</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Sensory Perception of Sound</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Tube Formation</a>                                                                                                                                                                                                                                                                  |

## Application Details

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|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | IHC: 1:100 - 1:500. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections.<br><br>IP: 2 - 5 µg/mg lysate<br><br>WB: 1:2,000 - 1:10,000 |
| Restrictions:      | For Research Use only                                                                                                                                            |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Concentration:     | 200 µg/mL                                                                                                              |
| Buffer:            | Tris-buffered Saline containing 0.1 % BSA and 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                                                                                                                   |
| Expiry Date:       | 12 months                                                                                                              |