

## Datasheet for ABIN7119367 **anti-SNX9 antibody**



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### Overview

|              |                                                                                 |
|--------------|---------------------------------------------------------------------------------|
| Quantity:    | 100 µg                                                                          |
| Target:      | SNX9                                                                            |
| Reactivity:  | Human, Mouse, Rat                                                               |
| Host:        | Rabbit                                                                          |
| Clonality:   | Polyclonal                                                                      |
| Conjugate:   | This SNX9 antibody is un-conjugated                                             |
| Application: | Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP) |

### Product Details

|               |                                 |
|---------------|---------------------------------|
| Immunogen:    | sorting nexin 9                 |
| Isotype:      | IgG                             |
| Purification: | Immunogen affinity purified     |
| Purity:       | ≥95 % as determined by SDS-PAGE |

### Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | SNX9                                                                                                                                                                                                                                                                                                                                                                        |
| Alternative Name: | SNX9 ( <a href="#">SNX9 Products</a> )                                                                                                                                                                                                                                                                                                                                      |
| Background:       | Synonyms:SH3PX1, SH3PXD3A Background:Involved in endocytosis and intracellular vesicle trafficking, both during interphase and at the end of mitosis. Required for efficient progress through mitosis and cytokinesis. Required for normal formation of the cleavage furrow at the end of mitosis. Plays a role in endocytosis via clathrin-coated pits, but also clathrin- |

## Target Details

independent, actin-dependent fluid-phase endocytosis. Plays a role in macropinocytosis.  
Promotes internalization of TNFR. Promotes degradation of EGFR after EGF signaling.  
Stimulates the GTPase activity of DNM1. Promotes DNM1 oligomerization. Promotes activation of the Arp2/3 complex by WASL, and thereby plays a role in the reorganization of the F-actin cytoskeleton. Binds to membranes enriched in phosphatidylinositol 4,5-bisphosphate and promotes membrane tubulation. Has lower affinity for membranes enriched in phosphatidylinositol 3-phosphate.

Molecular Weight: 70-78 kDa

Gene ID: 51429

UniProt: [Q9Y5X1](#)

## Application Details

Application Notes: WB: 1:500-1:2000, IP: 1:200-1:1000, IF: 1:20-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months