

## Rabbit anti-Human SNX8 Polyclonal Antibody | anti-SNX8 antibody

Anti-SNX8 Antibody, Rabbit Polyclonal

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                            |
|-----------|--------|------------|---------------------------------------------------------|
| AAA256068 | Rabbit | Human      | Immunoprecipitation, Immunohistochemistry, Western Blot |

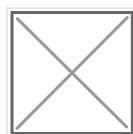
### PRODUCT SYNONYMS

SNX8; Polyclonal Antibody; Anti-SNX8 Antibody; Rabbit Polyclonal; SNX8 Antibody; Rabbit PAb; Antigen Affinity Purified; sorting nexin 8; Anti-Mvp1 Antibody; anti-SNX8 antibody

### PRODUCT SPECIFICATIONS

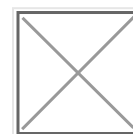
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|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                             |
| Reactivity                                     | Human                                                                                                                                                                                                                                              |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                         |
| Isotype                                        | Rabbit IgG                                                                                                                                                                                                                                         |
| Specificity                                    | Human SNX8                                                                                                                                                                                                                                         |
| Purity/Purification                            | Protein A & Antigen Affinity                                                                                                                                                                                                                       |
| Form/Format                                    | Liquid; PBS, pH7.0 with 0.03% Proclin300                                                                                                                                                                                                           |
| Applicable Applications for anti-SNX8 antibody | IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                            |
| Immunogen                                      | E Coli-derived Human SNX8 fragment                                                                                                                                                                                                                 |
| Conjugation                                    | Unconjugated                                                                                                                                                                                                                                       |
| Preparation                                    | Produced in rabbits immunized with E Coli-derived Human SNX8 fragment, and purified by antigen affinity chromatography.                                                                                                                            |
| Preparation and Storage                        | This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles. |

### IMAGES



#### IP (Immunoprecipitation)

SNX8 was immunoprecipitated using: Lane A: 0.5 mg Jurkat Whole Cell Lysate 4 uL anti-SNX8 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-SNX8 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 53 kDa. Observed band size: 53 kDa.



#### IHC (Immunohistochemistry)

Immunochemical staining of human SNX8 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



#### WB (Western Blot)

Anti-SNX8 rabbit polyclonal antibody at 1:500 dilution Lane A: HeLa Whole Cell Lysate Lane B: A549 Whole Cell Lysate Lane C: COS-7 Whole Cell Lysate Lane D: Jurkat Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 53 kDa Observed band size: 55 kDa (We are unsure as to the identity of these extra bands).

### ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-SNX8 antibody</b> | SNX8 (Sorting Nexin 8) is a Protein Coding gene. The SNX8 gene, located on 7p22.3, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, mosquito, and frog. SNX8 belongs to the sorting nexin protein family, whose members are involved in endocytosis and endosomal sorting and signaling. SNX8 may play a role in intracellular protein transport from early endosomes to the trans-Golgi network. SNX8 is a critical component of the RIG-I-like receptor (RLR)-mediated innate immune response by modulating VISA aggregation and activation. SNX8 is widely expressed in the spleen, testis, and other tissues. Diseases associated with SNX8 include Atrial Tachyarrhythmia With Short Pr Interval and Tetralogy Of Fallot. |
| <b>References</b>                                         | Muirhead G, et al. (2014) The expression of neuronal sorting nexin 8 (snx8) exacerbates abnormal cholesterol levels. J Mol Neurosci 53 (1): 125-134. Guo W, et al. (2020) Snx8 modulates the innate immune response to rna viruses by regulating the aggregation of visa. Cell Mol Immunol 17 (11): 1126-1135. Dyve AB, et al. (2009) Sorting nexin 8 regulates endosome-to-golgi transport. Biochem Biophys Res Commun 390 (1): 109-114.                                                                                                                                                                                                                                                                                                                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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