Rabbit anti-Human SNX2 Polyclonal Antibody | anti-SNX2 antibody

Anti-SNX2 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA258956	**Rabbit**	**Human**	**Immunofluorescence, Immunocytochemistry, Immunohistochemistry**

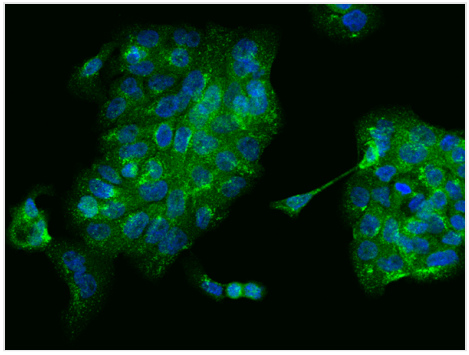
PRODUCT SYNONYMS

SNX2; Polyclonal Antibody; Anti-SNX2 Antibody; Rabbit Polyclonal; sorting nexin 2; Anti-TRG-9 Antibody; anti-SNX2 antibody

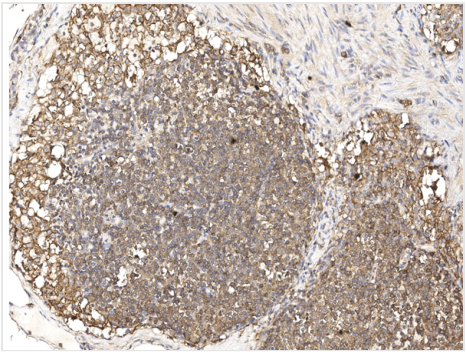
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SNX2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-SNX2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E coli-derived Human SNX2 fragment
Preparation	Produced in rabbits immunized with E coli-derived Human SNX2 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.

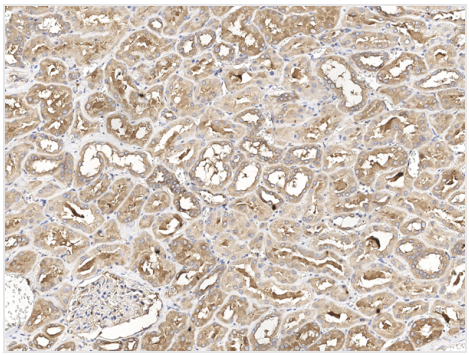
IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of SNX2 in A431 cells. Cells were fixed with 4% PFA, permeabilzed with 0.3% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-Human SNX2 polyclonal antibody (dilution ratio 1:100) at 4? overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue).Positive staining was localized to Cytoplasm.



IHC (Immunohiostchemistry)
Immunochemical staining of human SNX2 in human lymph node with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)
Immunochemical staining of human SNX2 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-SNX2 antibody	Sorting Nexin-2 (SNX2) is involved in protein sorting in the trans-Golgi network, endosome, and/or lysosome compartments, with loss of function leading to defect in protein sorting and stress on organelles. SNX2, which is involved in trafficking proteins between cellular membranes, and androgen receptor (AR) mRNA are both increased in song control nuclei of juvenile males compared to females. Sorting nexin (SNX) 1 and SNX2 are the mammalian homologs of the yeast Vps5p retromer component that functions in endosome-to-Golgi trafficking. They are components of the mammalian retromer complex and they also play critical roles in the membrane trafficking of growth factor receptors including epidermal growth factor receptor (EGFR) and c-Met.
References	Wu D, et al. (2010) Co-localization of sorting nexin 2 and androgen receptor in the song system of juvenile zebra finches. Brain Res 1343 104-111. Ogi S, et al. (2013) Sorting nexin 2-mediated membrane trafficking of c-met contributes to sensitivity of molecular-targeted drugs. Cancer Sci 104 (5): 573-583. Gullapalli A, et al. (2006) An essential role for snx1 in lysosomal sorting of protease-activated receptor-1: Evidence for retromer-, hrs-, and tsg101-independent functions of sorting nexins. Mol Biol Cell 17 (3): 1228-1238. Abdul-Ghani M, et al. (2005) Abstrakt interacts with and regulates the expression of sorting nexin-2. J Cell Physiol 204 (1): 210-218.

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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