

Rabbit anti-Human SNX31 Polyclonal Antibody | anti-SNX31 antibody

Anti-SNX31 Antibody, Rabbit Polyclonal

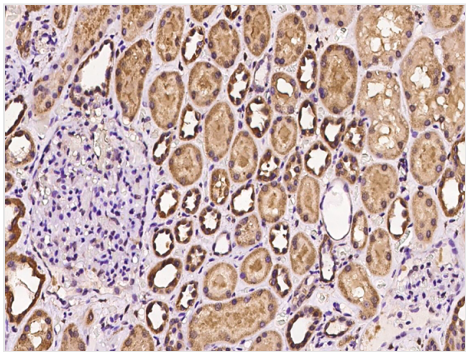
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256067	Rabbit	Human	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

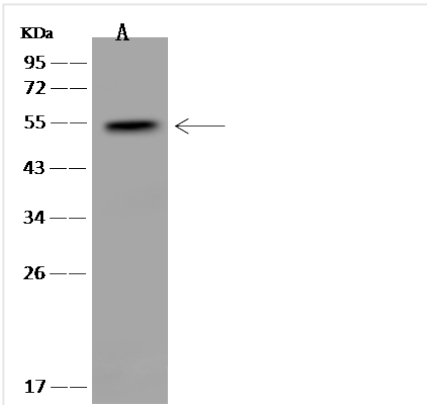
SNX31; Polyclonal Antibody; Anti-SNX31 Antibody; Rabbit Polyclonal; SNX31 Antibody; Rabbit PAb; Antigen Affinity Purified; sorting nexin 31; anti-SNX31 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SNX31
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-SNX31 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human SNX31 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human SNX31 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.



IHC (Immunohistochemistry)
Immunochemical staining of human SNX31 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)
Anti-SNX31 rabbit polyclonal antibody at 1:500 dilutionLane A: HepG2 Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique.Performed under reducing conditions.Predicted band size:51 kDaObserved band size:51 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SNX31 antibody	SNX31 (Sorting Nexin 31) is a Protein Coding gene. The SNX31 gene, located on 8q22.3, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, and frog. SNX31 is an endosomal regulator of beta integrins with a restricted expression pattern. The FERM-like domain-containing sorting nexin of the SNX17/SNX27/SNX31 family have been proposed to mediate retrieval of transmembrane proteins from the lysosomal pathway. The Phox-homology (PX) domain-containing proteins sorting nexin (SNX) 17, SNX27, and SNX31 have emerged as key regulators of endosomal recycling and bind conserved Asn-Pro-Xaa-Tyr-sorting signals in transmembrane cargos via an atypical band, 4.1/ezrin/radixin/moesin (FERM) domain. Diseases associated with SNX31 include Melanoma, Cutaneous Malignant 1.
References	Tseng HY, et al. (2014) Sorting nexin 31 binds multiple beta integrin cytoplasmic domains and regulates beta1 integrin surface levels and stability. J Mol Biol 426 (18): 3180-3194.Steinberg F, et al. (2012) Snx17 protects integrins from degradation by sorting between lysosomal and recycling pathways. J Cell Biol 197 (2): 219-230.Ghai R, et al. (2013) Structural basis for endosomal trafficking of diverse transmembrane cargos by px-ferm proteins. Proc Natl Acad Sci U S A 110 (8): E643-652.

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.