




Product datasheet

Anti-SNX16 antibody ab113885

4 Images

Overview

Product name	Anti-SNX16 antibody
Description	Goat polyclonal to SNX16
Host species	Goat
Tested applications	Suitable for: WB, IHC-P
Species reactivity	<p>Reacts with: Human</p> <p>Predicted to work with: Mouse, Rat, Cow, Dog </p>
Immunogen	<p>Synthetic peptide (ATPYVPVPMPIGN-C) corresponding to N terminal amino acids 2-14 of Human SNX16.</p> <p style="text-align: right;">  Run BLAST with  Run BLAST with </p>
Positive control	Human breast, placenta and tonsil tissues; Daudi cell lysate
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab113885** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.05 - 0.2 µg/ml. Predicted molecular weight: 39 kDa.
IHC-P		Use a concentration of 3.75 µg/ml.

Target

Function	May be involved in several stages of intracellular trafficking. Plays a role in protein transport from early to late endosomes. Plays a role in protein transport to the lysosome. Promotes degradation of EGFR after EGF signaling. Plays a role in intracellular transport of vesicular stomatitis virus nucleocapsids from the endosome to the cytoplasm.
Tissue specificity	Detected in placenta, lung, liver, heart and pancreas.
Sequence similarities	Belongs to the sorting nexin family. Contains 1 PX (phox homology) domain.
Domain	The PX domain mediates interaction with membranes enriched in phosphatidylinositol 3-phosphate.
Cellular localization	Early endosome membrane. Late endosome membrane. Cytoplasm. Lysosome.

Images

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

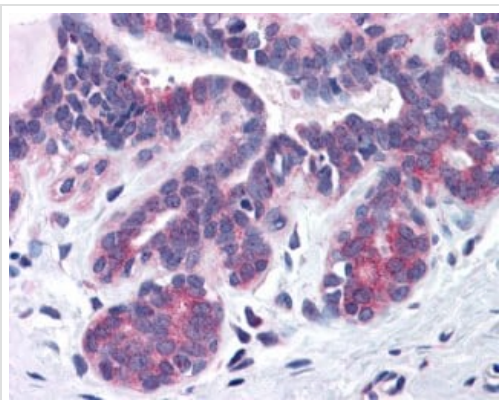
Western blot - Anti-SNX16 antibody (ab113885)

Anti-SNX16 antibody (ab113885) at 0.05 $\mu\text{g/ml}$ + Daudi lysate (in RIPA buffer) at 35 μg

Developed using the ECL technique.

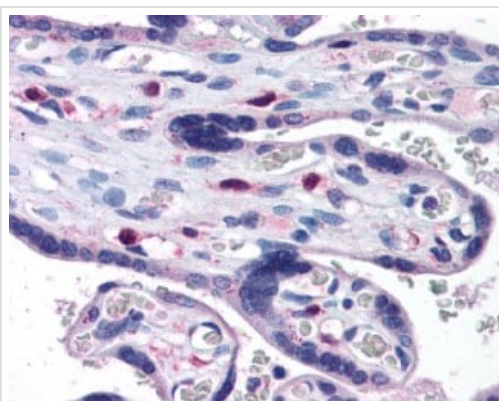
Predicted band size: 39 kDa

Exposure time: 1 hour



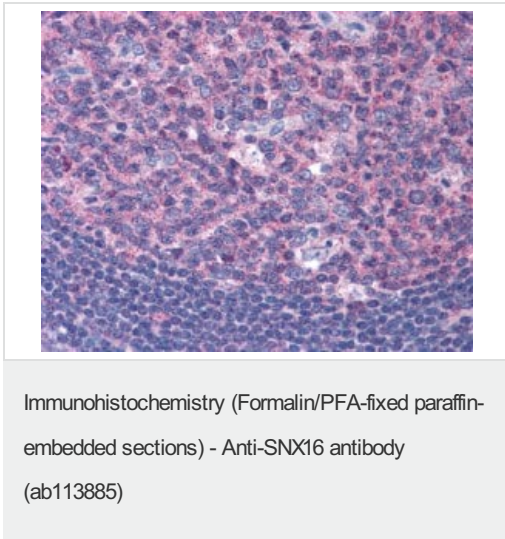
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SNX16 antibody (ab113885)

ab113885, at 3.75 $\mu\text{g/ml}$, staining SNX16 in formalin fixed, paraffin embedded Human breast tissue by Immunohistochemistry.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SNX16 antibody (ab113885)

ab113885, at 3.75 $\mu\text{g/ml}$, staining SNX16 in formalin fixed, paraffin embedded Human placenta tissue by Immunohistochemistry.



ab113885, at 3.75 µg/ml, staining SNX16 in formalin fixed, paraffin embedded Human tonsil tissue by Immunohistochemistry.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors