




Product datasheet

Anti-SND1 antibody ab223770

8 Images

Overview

Product name	Anti-SND1 antibody
Description	Rabbit polyclonal to SND1
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Cow, Orangutan 
Immunogen	Recombinant fragment corresponding to Human SND1 aa 779-906. Sequence: TLSPAFSTRVLP AQATEYAF AFIQVPQDDDARTDAVD SVVRDIQNTQCLL NVEHLSAGCPHVTLQFADSKGDVGLGLVKEGLVMVE VRKEKQFQKVITEY LNAQESAKSARLNLWRYGDFRADD ADEF Database link: Q7KZF4  Run BLAST with  Run BLAST with
Positive control	IHC-P: Human pancreas, placenta, stomach and cerebral cortex tissue. WB: SK-BR-3, U-87 MG and EFO-21 cell lysates. ICC/IF: A431 cells.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab223770** in the following tested applications.

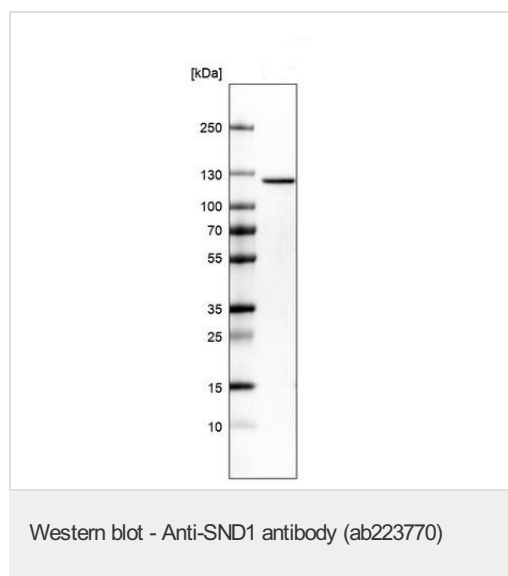
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		1/100 - 1/250. Predicted molecular weight: 102 kDa.
ICC/IF		Use a concentration of 1 - 4 µg/ml. Fixation/Permeabilization: PFA/Triton X-100.

Target

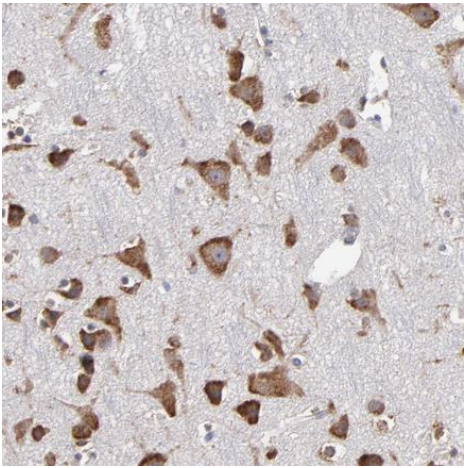
Function	Functions as a bridging factor between STAT6 and the basal transcription factor. Plays a role in PIM1 regulation of MYB activity. Functions as a transcriptional coactivator for the Epstein-Barr virus nuclear antigen 2 (EBNA2).
Tissue specificity	Ubiquitously expressed.
Sequence similarities	Contains 4 TNase-like domains. Contains 1 Tudor domain.
Post-translational modifications	Phosphorylated by PIM1 in vitro.
Cellular localization	Cytoplasm. Nucleus. Melanosome. In IL-4 stimulated cells colocalizes with STAT6 in the nucleus. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

Images



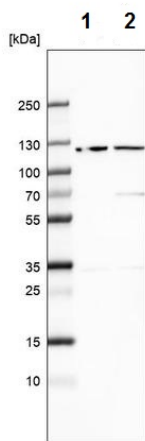
Anti-SND1 antibody (ab223770) at 0.4 µg/ml + SK-BR-3 cell lysate

Predicted band size: 102 kDa



Immunohistochemical analysis of human cerebral cortex tissue labeling SND1 with ab223770 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SND1 antibody (ab223770)



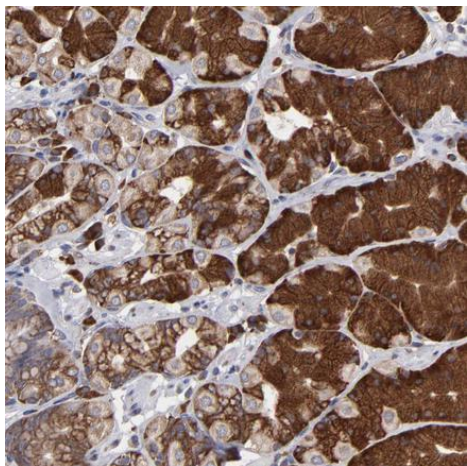
All lanes : Anti-SND1 antibody (ab223770) at 0.4 µg/ml

Lane 1 : U-87 MG cell lysate

Lane 2 : EFO-21 cell lysate

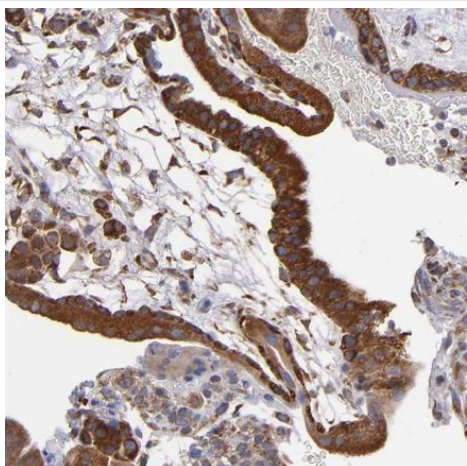
Predicted band size: 102 kDa

Western blot - Anti-SND1 antibody (ab223770)



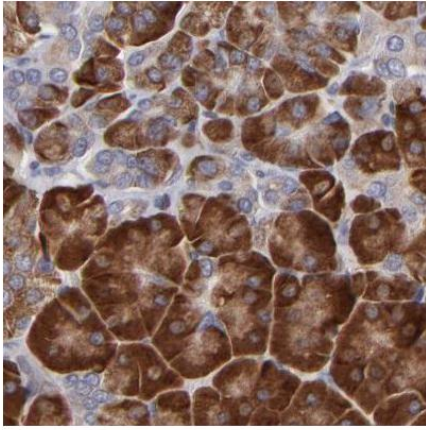
Immunohistochemical analysis of human stomach tissue labeling SND1 with ab223770 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SND1 antibody (ab223770)



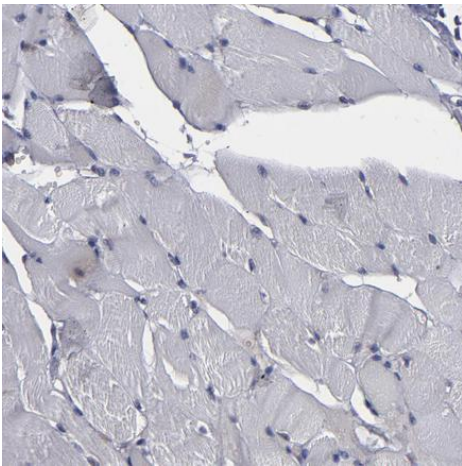
Immunohistochemical analysis of human placenta tissue labeling SND1 with ab223770 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SND1 antibody (ab223770)



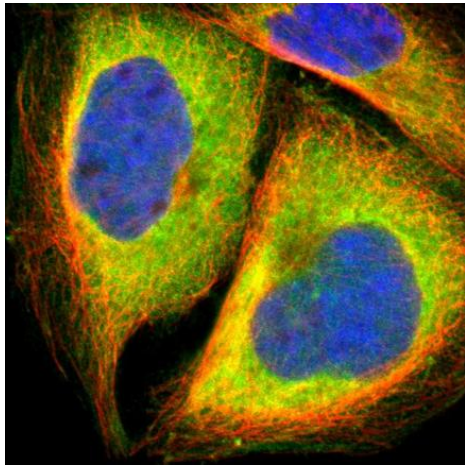
Immunohistochemical analysis of human pancreas tissue labeling SND1 with ab223770 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SND1 antibody (ab223770)



Immunohistochemical analysis of human skeletal muscle tissue labeling SND1 with ab223770 at 1/200 dilution. No staining is observed.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SND1 antibody (ab223770)



PFA-fixed, Triton X-100 permeabilized A431 (human epidermoid carcinoma cell line) cells stained for SND1 (green) using ab223770 at 4 µg/ml in ICC/IF.

Immunocytochemistry/ Immunofluorescence - Anti-SND1 antibody (ab223770)

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