

SND1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14873c

Specification

SND1 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q7KZF4
Other Accession	Q66X93 , Q78PY7 , Q7ZT42 , Q863B3 , NP_055205.2
Reactivity	Human
Predicted	Bovine, Zebrafish, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	449-478

SND1 Antibody (Center) - Additional Information

Gene ID 27044

Other Names

Staphylococcal nuclease domain-containing protein 1, 100 kDa coactivator, EBNA2 coactivator p100, Tudor domain-containing protein 11, p100 co-activator, SND1, TDRD11

Target/Specificity

This SND1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 449-478 amino acids from the Central region of human SND1.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SND1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

SND1 Antibody (Center) - Protein Information

Name SND1

Synonyms TDRD11

Function Endonuclease that mediates miRNA decay of both protein-free and AGO2-loaded miRNAs (PubMed:[18453631](#), PubMed:[28546213](#)). As part of its function in miRNA decay, regulates mRNAs involved in G1-to-S phase transition (PubMed:[28546213](#)). Functions as a bridging factor between STAT6 and the basal transcription factor (PubMed:[12234934](#)). Plays a role in PIM1 regulation of MYB activity (PubMed:[9809063](#)). Functions as a transcriptional coactivator for STAT5 (By similarity).

Cellular Location

Cytoplasm. Nucleus. Melanosome Note=In IL-4 stimulated cells colocalizes with STAT6 in the nucleus (PubMed:[12234934](#)). Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:[17081065](#))

Tissue Location

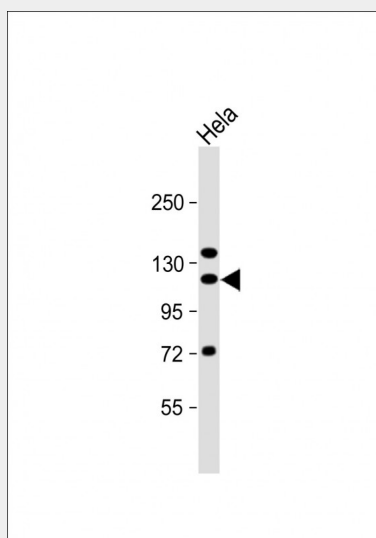
Ubiquitously expressed.

SND1 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SND1 Antibody (Center) - Images



Anti-SND1 Antibody (Center) at 1:1000 dilution + HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 102 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

SND1 Antibody (Center) - Background

SND1 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).

SND1 Antibody (Center) - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)

Holt, R., et al. Eur. J. Hum. Genet. 18(9):1013-1019(2010)

Gao, X., et al. FEBS Lett. 584(16):3525-3532(2010)

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :

dit Frey, N.F., et al. Plant Cell 22(5):1575-1591(2010)

SND1 Antibody (Center) - Citations

- [Suppression of miR-184 in malignant gliomas upregulates SND1 and promotes tumor aggressiveness.](#)