

**SND1 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
Catalog # AP14873c**Specification****SND1 Antibody (Center) - Product Information**

Application	<b>WB,E</b>
Primary Accession	<a href="#">Q7KZF4</a>
Other Accession	<a href="#">Q66X93</a> , <a href="#">Q78PY7</a> , <a href="#">Q7ZT42</a> , <a href="#">Q863B3</a> , <a href="#">NP_055205.2</a>
Reactivity Predicted	<b>Human</b> <b>Bovine, Zebrafish,</b> <b>Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit Ig</b>
Antigen Region	<b>449-478</b>

**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**

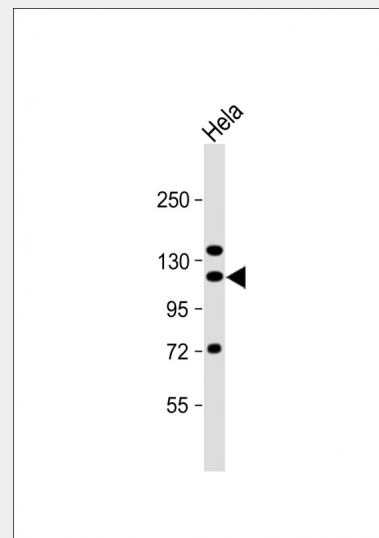
WB~~1:1000

**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



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

cycles.

22(5):1575-1591(2010)

### 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:<a href="http://www.uniprot.org/citations/28546213" target="\_blank">28546213</a>, PubMed:<a href="http://www.uniprot.org/citations/18453631" target="\_blank">18453631</a>). As part of its function in miRNA decay, regulates mRNAs involved in G1-to-S phase transition (PubMed:<a href="http://www.uniprot.org/citations/28546213" target="\_blank">28546213</a>). Functions as a bridging factor between STAT6 and the basal transcription factor (PubMed:<a href="http://www.uniprot.org/citations/12234934" target="\_blank">12234934</a>). Plays a role in PIM1 regulation of MYB activity (PubMed:<a href="http://www.uniprot.org/citations/9809063" target="\_blank">9809063</a>). 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) - Citations**

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