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SND1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14873c

Product Information

Application	WB, E
Primary Accession	Q7KZF4
Other Accession	Q66X93, Q78PY7, Q7ZT42, Q863B3, NP_055205.2
Reactivity	Human
Predicted	Bovine, Zebrafish, Mouse, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB35034
Calculated MW	101997
Antigen Region	449-478

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 E~~Use at an assay dependent concentration.
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.

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.

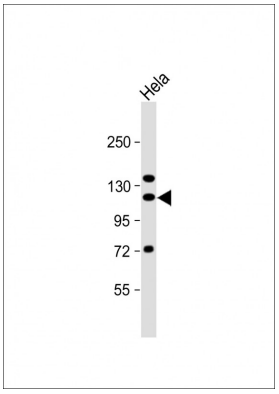
Background

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).

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)

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.

Citations

- Suppression of miR-184 in malignant gliomas upregulates SND1 and promotes tumor aggressiveness.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.