10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SND1 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP14873c

Specification

SND1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q7KZF4

SND1 Antibody (Center) Blocking Peptide - 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

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SND1 Antibody (Center) Blocking Peptide - Protein Information

Name SND1

Synonyms TDRD11

Function
Endonuclease that mediates miRNA decay of both protein-free and AGO2-loaded miRNAs (PubMed:28546213, PubMed:18453631). 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) Blocking Peptide - Protocols

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

- Blocking Peptides

SND1 Antibody (Center) Blocking Peptide - Images

SND1 Antibody (Center) Blocking Peptide - 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) Blocking Peptide - 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)