

**TudorSN Polyclonal Antibody**  
**Catalog # AP73267****Specification**

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**TudorSN Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q7KZF4</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

**TudorSN Polyclonal Antibody - Additional Information****Gene ID** 27044**Other Names**

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

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/40000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**TudorSN Polyclonal Antibody - 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/18453631" target="\_blank">18453631</a>, PubMed:<a href="http://www.uniprot.org/citations/28546213" target="\_blank">28546213</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)

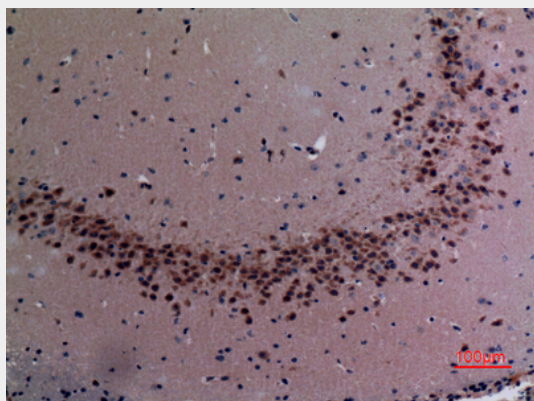
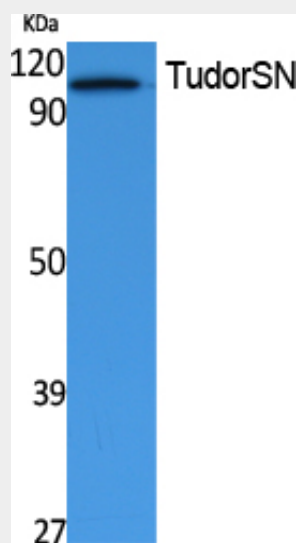
**Tissue Location**

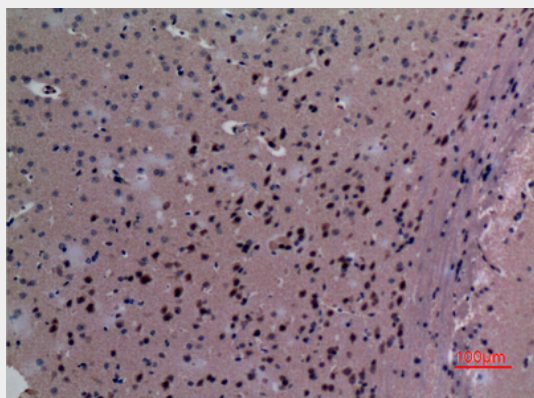
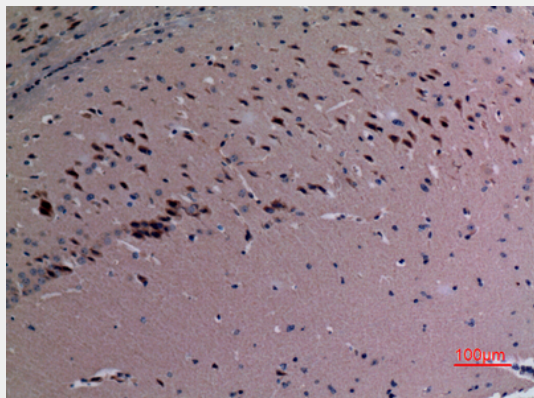
Ubiquitously expressed.

**TudorSN Polyclonal Antibody - 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](#)

**TudorSN Polyclonal Antibody - Images**



### **TudorSN Polyclonal Antibody - Background**

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).