

## TudorSN Polyclonal Antibody

<b>Catalog No :</b>	YT5084
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	TudorSN
<b>Fields :</b>	>>Viral carcinogenesis
<b>Gene Name :</b>	SND1
<b>Protein Name :</b>	Staphylococcal nuclease domain-containing protein 1
<b>Human Gene Id :</b>	27044
<b>Human Swiss Prot No :</b>	Q7KZF4
<b>Mouse Gene Id :</b>	56463
<b>Mouse Swiss Prot No :</b>	Q78PY7
<b>Rat Gene Id :</b>	64635
<b>Rat Swiss Prot No :</b>	Q66X93
<b>Immunogen :</b>	Synthesized peptide derived from the Internal region of human TudorSN.
<b>Specificity :</b>	TudorSN Polyclonal Antibody detects endogenous levels of TudorSN protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC: 1:100-300 ELISA: 1:40000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

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**Concentration :** 1 mg/ml

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**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

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**Observed Band :** 101kD

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**Background :** This gene encodes a transcriptional co-activator that interacts with the acidic domain of Epstein-Barr virus nuclear antigen 2 (EBNA 2), a transcriptional activator that is required for B-lymphocyte transformation. Other transcription factors that interact with this protein are signal transducers and activators of transcription, STATs. This protein is also thought to be essential for normal cell growth. A similar protein in mammals and other organisms is a component of the RNA-induced silencing complex (RISC). [provided by RefSeq, Jul 2016],

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**Function :** function: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).,PTM:Phosphorylated by PIM1 in vitro.,sequence caution:The frameshift leads to wrong initiation.,similarity:Contains 1 Tudor domain.,similarity:Contains 4 TNase-like domains.,subcellular location:In IL-4 stimulated cells colocalizes with STAT6 in the nucleus. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,subunit:Binds to acidic transactivation domain of EBNA2. Interacts with EAV NSP1. Interacts with GTF2E1 and GTF2E2. Forms a ternary complex with STAT6 and POLR2A. Interacts with STAT5.,tissue specificity:Ubiquitously expressed.,

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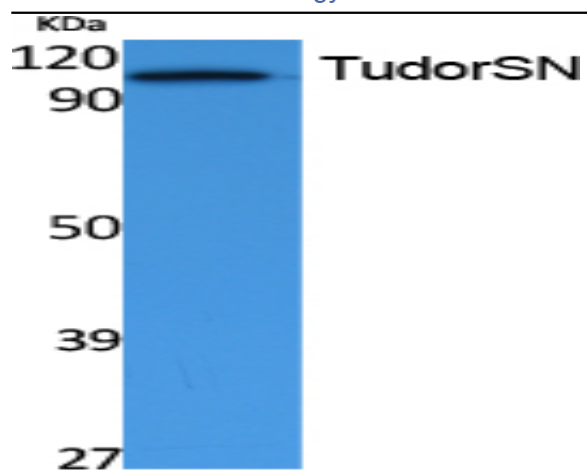
**Subcellular Location :** Cytoplasm . Nucleus . Melanosome . In IL-4 stimulated cells colocalizes with STAT6 in the nucleus (PubMed:12234934). Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:17081065). .

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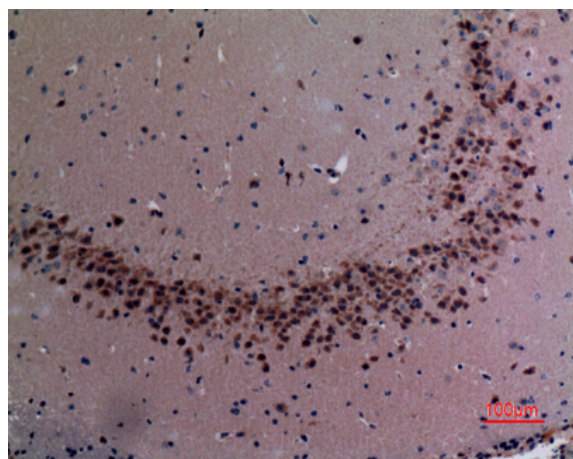
**Expression :** Ubiquitously expressed.

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## Products Images



Western Blot analysis of extracts from Jurkat cells, using TudorSN Polyclonal Antibody. Secondary antibody (catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded mouse-brain, antibody was diluted at 1:100