Product Name: TudorSN Rabbit Polyclonal Antibody
Catalog #: APRab19429

Summary

Production Name	TudorSN Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC,
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	SND1
Alternative Names	SND1; TDRD11; Staphylococcal nuclease domain-containing protein 1; 100 kDa coactivator; EBNA2 coactivator p100; Tudor domain-containing protein 11; p100 co-activator
Gene ID	27044.0
SwissProt ID	Q7KZF4.Synthesized peptide derived from the Internal region of human TudorSN.

Application

Dilution Ratio	WB 1:500 - 1:2000. IHC-p: 1:100-300 ELISA: 1:40000..
Molecular Weight	101kD

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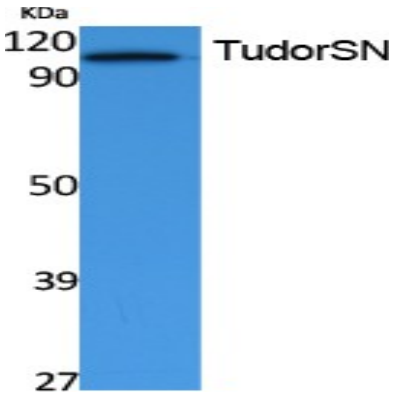
Background

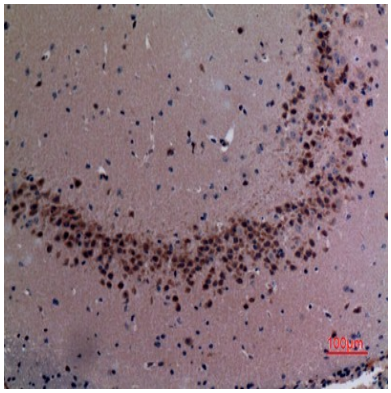
This gene encodes a transcriptional co-activator that interacts with the acidic domain of Epstein-Barr virus nuclear antigen 2 (EBNA 2), a transcriptional activator that is required for B-lymphocyte transformation. Other transcription factors that interact with this protein are signal transducers and 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],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 initation.,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.,

Research Area

Image Data



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



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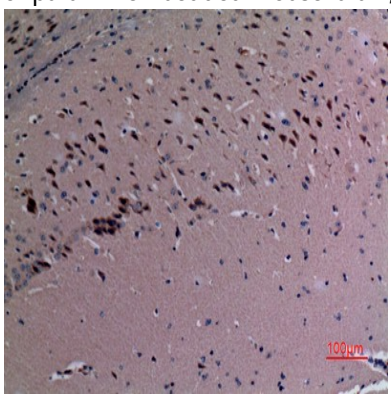
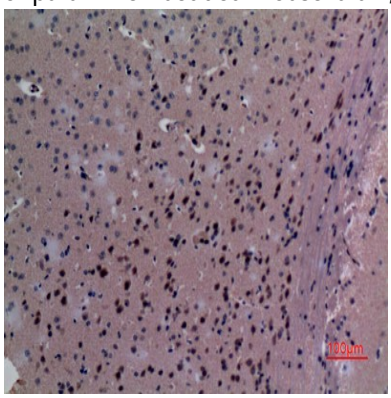
Immunohistochemical analysis of paraffin-embedded mouse-brain, antibody was diluted at 1:100



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



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

Note

For research use only.