

TudorSN Monoclonal Antibody

Catalog No :	YM0635
Reactivity :	Human
Applications :	WB;ELISA
Target :	TudorSN
Fields :	>>Viral carcinogenesis
Gene Name :	SND1
Protein Name :	Staphylococcal nuclease domain-containing protein 1
Human Gene Id :	27044
Human Swiss Prot No :	Q7KZF4
Mouse Swiss Prot No :	Q78PY7
Immunogen :	Purified recombinant fragment of TudorSN (aa361-485) expressed in E. Coli.
Specificity :	TudorSN Monoclonal Antibody detects endogenous levels of TudorSN protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Monoclonal, Mouse
Dilution :	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	Affinity purification
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	102kD
P References :	1. J Gen Virol. 2003 Sep;84(Pt 9):2317-22.

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 :

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.,

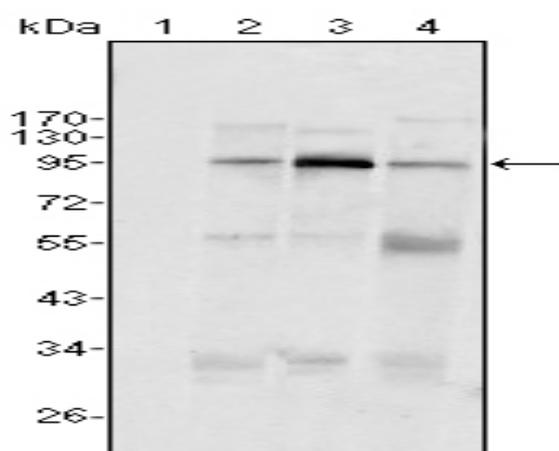
Subcellular Location :

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). .

Expression :

Ubiquitously expressed.

Products Images



Western Blot analysis using TudorSN Monoclonal Antibody against HeLa (1), Jukat (2), HepG2 (3) SMMC-7721 (4) cell lysate.