



TudorSN Monoclonal Antibody

Catalog No	YP-mAb-02223
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SND1
Immunogen	Synthesized peptide derived from the Internal region of human TudorSN.
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,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	p100 co-activator;p100 co activator;p100;EC:3.1.31.1;EBNA2 coactivator p100; TudorSN;SND1;Staphylococcal nuclease domain-containing protein 1;TDRD11; 100 kDa coactivator;Tudor domain-containing protein 11
Observed Band	101kD
Calculated Molecular Weight	101kD
Cell Pathway	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). .
Tissue Specificity	Ubiquitously expressed.
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.,

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],

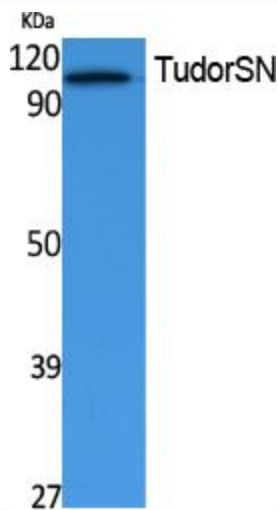
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using TudorSN Monoclonal Antibody