



SEN15 mouse mAb

Catalog No	YP-mAb-12211
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TSEN15 C1orf19 SEN15
Immunogen	Synthesized peptide derived from human SEN15 AA range: 84-134
Specificity	This antibody detects endogenous levels of SEN15 at Human/Mouse
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	tRNA intron endonuclease Sen15;SEN15 homolog;sen15;HsSEN15;C1orf19;TSEN15 C1orf19 SEN15
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Nucleus . Nucleus, nucleolus . May be transiently localized in the nucleolus. .
Tissue Specificity	Widely expressed. Highly expressed in testis and uterus.
Function	caution:Although only weakly related to the S.cerevisiae SEN15 protein, it probably displays the same function within the tRNA splicing endonuclease complex.,function:Non-catalytic subunit of the tRNA-splicing endonuclease complex, a complex responsible for identification and cleavage of the splice sites in pre-tRNA. It cleaves pre-tRNA at the 5' and 3' splice sites to release the intron. The products are an intron and two tRNA half-molecules bearing 2',3' cyclic phosphate and 5'-OH termini. There are no conserved sequences at the splice sites, but the intron is invariably located at the same site in the gene, placing the splice sites an invariant distance from the constant structural features of the tRNA body. The tRNA splicing endonuclease is also involved in mRNA processing via its association with pre-mRNA 3' end processing factors, establishing a link between pre-tRNA splicing and p



Background

This gene encodes a subunit of the tRNA splicing endonuclease, which catalyzes the removal of introns from tRNA precursors. Alternative splicing results in multiple transcript variants. There is a pseudogene of this gene on chromosome 17. [provided by RefSeq, Jul 2014],

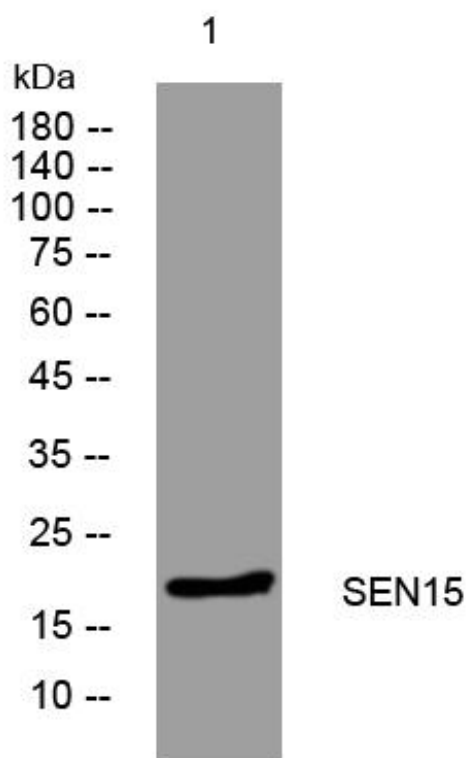
matters needing attention

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 SEN15 mouse mAb