

## SEN15 rabbit pAb

<b>Catalog No :</b>	YT7577
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;IHC
<b>Target :</b>	SEN15
<b>Gene Name :</b>	TSEN15 C1orf19 SEN15
<b>Protein Name :</b>	SEN15
<b>Human Gene Id :</b>	116461
<b>Human Swiss Prot No :</b>	Q8WW01
<b>Mouse Gene Id :</b>	66637
<b>Mouse Swiss Prot No :</b>	Q8R3W5
<b>Immunogen :</b>	Synthesized peptide derived from human SEN15 AA range: 84-134
<b>Specificity :</b>	This antibody detects endogenous levels of SEN15 at Human/Mouse
<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 1:500-2000;IHC 1:50-300
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Molecularweight :** 19kD

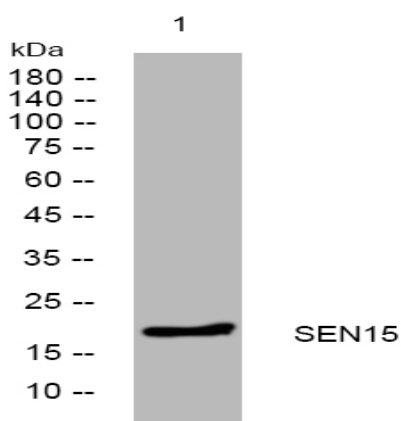
**Background :** This gene encodes a subunit of the tRNA splicing endonuclease, which catalyzes the removal of introns from tRNA precursors. Alternative splicing results in multiple transcript variants. There is a pseudogene of this gene on chromosome 17. [provided by RefSeq, Jul 2014],

**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

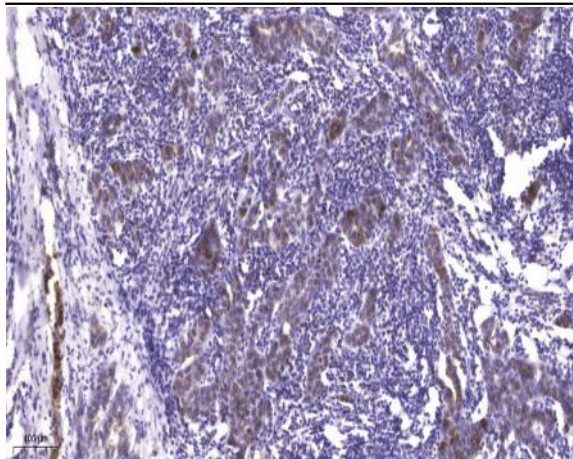
**Subcellular Location :** Nucleus . Nucleus, nucleolus . May be transiently localized in the nucleolus .

**Expression :** Widely expressed. Highly expressed in testis and uterus.

## Products Images



Western blot analysis of lysates from HuvEc cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human Breast cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).