



Rabbit Anti-Saitohin antibody

SL11672R

Product Name:	Saitohin
Chinese Name:	Saitohin蛋白抗体
Alias:	MAPTIT; Saitohin; STH; STH HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	14kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human STH/Saitohin:51-128/128
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The intronless STH gene lies between exons 9 and 10 of the tau gene, which is implicated in a number of neurodegenerative disorders. It encodes a 128 residue protein with no clear homologs, and mimics the expresion patterns of tau. Though a polymorphism (Q7R) appears significant, data does not clearly show thus far whether or not this phenotype provides a useful marker for Alzheimer's or other forms of neurodegenerative disease.

Function:

Highest expression in placenta, muscle, fetal brain, and adult brain, with lower expression in heart, kidney, stomach, testis, and adrenal gland. In the central nervous system, highest expression is in temporal lobe, hypothalamus, medulla and spinal cord, with lower expression in other brain regions.

Subcellular Location:

Cytoplasm. Nucleus.

Tissue Specificity:

Highest expression in placenta, muscle, fetal brain, and adult brain, with lower expression in heart, kidney, stomach, testis, and adrenal gland. In the central nervous system, highest expression is in temporal lobe, hypothalamus, medulla and spinal cord, with lower expression in other brain regions.

SWISS:

Q8IWL8

Gene ID:

246744

Database links:

[Entrez Gene: 246744](#) Human

[Omim: 607067](#) Human

[SwissProt: Q8IWL8](#) Human

[Unigene: 661831](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.