



Rabbit Anti-TRAPD antibody

SL17489R

Product Name:	TRAPD
Chinese Name:	易位相关蛋白 δ /TRAP- δ 抗体
Alias:	signal sequence receptor delta; Signal sequence receptor subunit delta; SSR delta; SSR4; translocon associated protein delta; TRAP delta; TRAPD.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
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:	17kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human TRAPD:61-150/173
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:	This gene encodes the delta subunit of the translocon-associated protein complex which is involved in translocating proteins across the endoplasmic reticulum membrane. The encoded protein is located in the Xq28 region and is arranged in a compact head-to-head manner with the isocitrate dehydrogenase 3 (NAD ⁺) gamma gene and both genes are driven by a CpG-embedded bidirectional promoter. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Mar 2011]

Function:

Signal sequence receptor delta is assumed to be involved in protein secretion. It is located in the Xq28 region, arranged in a compact head-to-head manner with the IDH3G gene. These two genes are driven by a bidirectional promoter located between them, and encode proteins involved in unrelated biochemical pathways located in different compartments of the cell. The nontranscribed intergenic region represents only 133 bp and is embedded in a CpG island. The CpG island functions as a bidirectional promoter to initiate the transcription of both functionally unrelated genes with distinct expression patterns. Signal sequence receptor delta consists of six exons and is approximately 70 kb telomeric to the ALD gene. Although alternative splicing of exon 5 has not been detected in human Signal sequence receptor delta, transcript variants missing the region homologous to human exon 5 have been detected in both *Xenopus laevis* and *Mus musculus*.

Subcellular Location:

Endoplasmic reticulum

SWISS:

P51571

Gene ID:

6748

Database links:

[Entrez Gene: 6748](#) Human

[Omim: 300090](#) Human

[SwissProt: P51571](#) Human

[Unigene: 409223](#) Human

Important Note:

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