



Rabbit Anti-TSP50 antibody

SL6745R

Product Name:	TSP50
Chinese Name:	睾丸特异蛋白酶样蛋白50抗体
Alias:	Cancer/testis antigen 20; CT 20; CT20; Testes specific protease 50; Testis specific protease like protein 50; TSP 50; TSP50_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=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:	39kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human TSP50:151-250/385
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:	<p>TSP50 is a possible protease in human testes. It may function in mammalian spermatogenesis. Its linear catalytic structure is similar to many serine proteases, except for a Thr-for-Ser residual catalytic site substitution.</p> <p>Function: May be involved in proteolysis through its threonine endopeptidase activity.</p>

Subcellular Location:

Endoplasmic reticulum (Probable). Note=May also localize to cytoplasmic membranes.

Tissue Specificity:

Testis specific. Differentially expressed in some breast cancer tissues.

Similarity:

Belongs to the peptidase S1 family.
Contains 1 peptidase S1 domain.

SWISS:

Q9UI38

Gene ID:

29122

Database links:

[Entrez Gene: 29122](#)Human

[GenBank: NP_037402](#)Human

[Oimim: 607950](#)Human

[SwissProt: Q9UI38](#)Human

[Unigene: 120365](#)Human

Important Note:

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