

TSP50 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58502

Specification

TSP50 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	O9UI38
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TSP50
Epitope Specificity	151-250/385
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Endoplasmic reticulum (Probable). Note=May also localize to cytoplasmic membranes.
SIMILARITY	Belongs to the peptidase S1 family. Contains 1 peptidase S1 domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

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.

TSP50 Polyclonal Antibody - Additional Information

Gene ID 29122

Other Names

Probable threonine protease PRSS50, 3.4.25.-, Cancer/testis antigen 20, Serine protease 50, Testis-specific protease-like protein 50, PRSS50, CT20, TSP50

Target/Specificity

Testis specific. Differentially expressed in some breast cancer tissues.

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \><span class

="dilution_IF">IF~~1:50~200<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glycerol

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

TSP50 Polyclonal Antibody - Protein Information

Name PRSS50

Synonyms CT20, TSP50

Function

May be involved in proteolysis through its threonine endopeptidase activity.

Cellular Location

Endoplasmic reticulum. Note=May also localize to cytoplasmic membranes

Tissue Location

Testis specific. Differentially expressed in some breast cancer tissues

TSP50 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TSP50 Polyclonal Antibody - Images