

TSP50 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58502

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q9UI38
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43088
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.

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=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
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.

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.