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PRSS42 Rabbit pAb

Catalog # AP97006

Product Information

Application	WB
Primary Accession	Q8VIF2
Other Accession	Q8VIF2
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36683
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse PRSS42
Epitope Specificity	91-190/335
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
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	PRSS42 (Protease, Serine 42) is a Protein Coding gene. GO annotations related to this gene include serine-type endopeptidase activity. An important paralog of this gene is PRSS21.

Additional Information

Gene ID	235628
Other Names	PRSS42; TESSP2; PRS42_HUMAN; PRSS42P; Serine protease 42, pseudogene; Testis serine protease 2; 3.4.21.-; PRS42_MOUSE; protease, serine 42; serine protease 42
Dilution	WB=1:500-2000
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	Prss42 {ECO:0000312|MGI:MGI:2665280}
Function	Plays a role in spermatogenesis. Involved in germ cell survival during meiosis. Lacks protease activity in vitro.

Cellular Location	Cytoplasm. Cell membrane; Lipid-anchor, GPI-anchor
Tissue Location	Testis-specific (PubMed:23536369). Mainly detected in round spermatids at all the eminiferous epithelial stages (at protein level) (PubMed:23536369).

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