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PRSS55 Rabbit pAb

Catalog # AP97008

Product Information

Application	WB
Primary Accession	Q14BX2
Other Accession	Q14BX2
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36087
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse PRSS55
Epitope Specificity	151-250/352
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	This gene encodes a member of a group of membrane-anchored chymotrypsin (S1)-like serine proteases. The enocoded protein is primarily expressed in the Leydig and Sertoli cells of the testis and may be involved in male fertility. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2010]

Additional Information

Gene ID	71037
Other Names	CT153; T-SP1; TSP1; UNQ9391; PRS55_HUMAN; PRSS55; Testis serine protease 1 (T-SP1); 3.4.21.-; PRS55_MOUSE; serine protease 55; protease, serine 55
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	Prss55
Function	Probable serine protease, which plays a crucial role in the fertility of male mice including sperm migration and sperm-egg interaction

(PubMed:30032357).

Cellular Location	Cell membrane; Lipid-anchor, GPI-anchor. Cytoplasmic vesicle, secretory vesicle, acrosome Note=Mainly observed in the luminal side of seminiferous tubules and sperm acrosome.
Tissue Location	Expressed in adult mouse testis.

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