

UNQ9391 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11740b

Specification

UNQ9391 Antibody (C-term) - Product Information

Application	FC, WB,E
Primary Accession	Q6UWB4
Other Accession	NP_940866.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	289-318

UNQ9391 Antibody (C-term) - Additional Information

Gene ID 203074

Other Names

Serine protease 55, 3421-, Testis serine protease 1, T-SP1, PRSS55, TSP1

Target/Specificity

This UNQ9391 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 289-318 amino acids from the C-terminal region of human UNQ9391.

Dilution

FC~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

UNQ9391 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

UNQ9391 Antibody (C-term) - Protein Information

Name PRSS55

Synonyms TSP1 {ECO:0000303|PubMed:18844450}

Function Probable serine protease, which plays a crucial role in the fertility of male mice including sperm migration and sperm-egg interaction.

Cellular Location

[Isoform 1]: Cell membrane; Lipid-anchor, GPI-anchor {ECO:0000250|UniProtKB:Q14BX2}. Cytoplasm, cytosol. Note=Mainly found in the membrane part of the cells and only in small amounts in the cytosol

Tissue Location

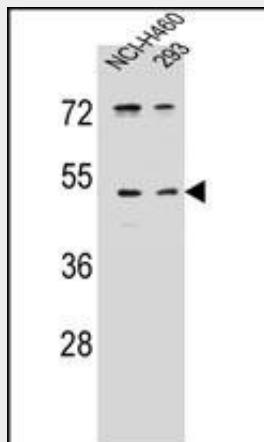
Only detected in testis. Expressed in spermatogonia, spermatocytes, spermatids, Leydig and Sertoli cells Expressed in prostate cancer and ovarian cancer (at protein level)

UNQ9391 Antibody (C-term) - Protocols

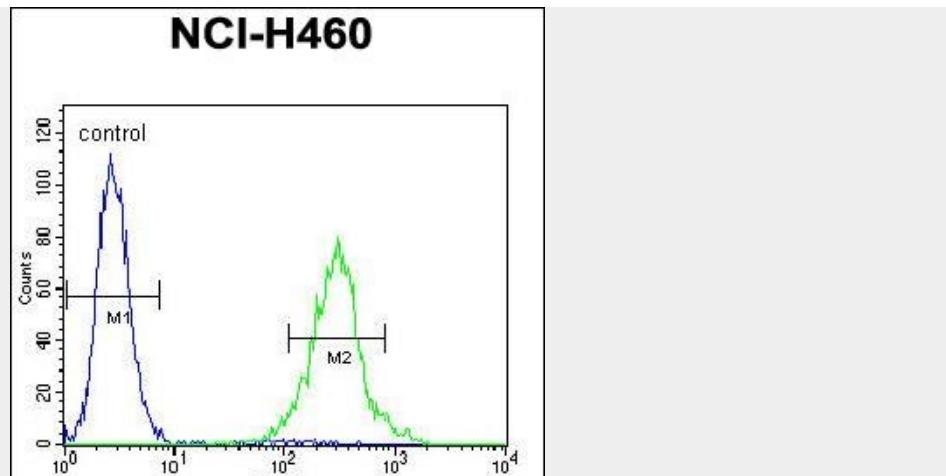
Provided below are standard protocols that you may find useful for product applications.

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

UNQ9391 Antibody (C-term) - Images



UNQ9391 Antibody (C-term) (Cat. #AP11740b) western blot analysis in NCI-H460,293 cell line lysates (35ug/lane). This demonstrates the UNQ9391 antibody detected the UNQ9391 protein (arrow).



UNQ9391 Antibody (C-term) (Cat. #AP11740b) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

UNQ9391 Antibody (C-term) - Background

This gene encodes a member of a group of membrane-anchored chymotrypsin (S1)-like serine proteases. The encoded 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.

UNQ9391 Antibody (C-term) - References

Neth, P., et al. Biol. Chem. 389(12):1495-1504(2008)