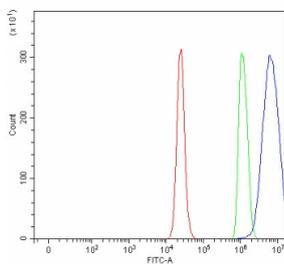


## PRSS22 Antibody / Brain-specific serine protease 4 (RQ8097)

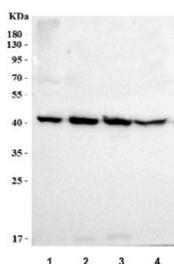
Catalog No.	Formulation	Size
RQ8097	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q9GZN4
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This PRSS22 antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human RT4 cells with PRSS22 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PRSS22 antibody.



Western blot testing of human 1) Caco-2, 2) MCF7, 3) RT4 and 4) HaCaT cell lysate with PRSS22 antibody. Predicted molecular weight ~33 kDa but may be observed at higher molecular weights due to glycosylation.

## Description

Brain-specific serine protease 4 (BSSP-4), also known as serine protease 22 or tryptase epsilon, is an enzyme that in humans is encoded by the PRSS22 gene. This gene encodes a member of the trypsin family of serine proteases. The enzyme is expressed in the airways in a developmentally regulated manner. The gene is part of a cluster of serine protease genes on chromosome 16.

## Application Notes

Optimal dilution of the PRSS22 antibody should be determined by the researcher.

## Immunogen

E. coli-derived recombinant human protein (amino acids K43-Q299) was used as the immunogen for the PRSS22 antibody.

## Storage

After reconstitution, the PRSS22 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.