

[Go to Product page](#)

Datasheet for ABIN7117876 **anti-PRSS50 antibody**

Overview

Quantity:	100 µg
Target:	PRSS50
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRSS50 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	testes-specific protease 50
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	PRSS50
Alternative Name:	TSP50 (PRSS50 Products)
Background:	Synonyms: Cancer/testis antigen 20, CT20, PRSS50, Serine protease 50, testes protease 50, TSP50 Background: TSP50 (Testis-specific protease-like protein 50) is also named as PRSS50, CT20 and belongs to the peptidase S1 family. It can enhance the expression of NFκB target genes involved in cell proliferation, and promotes cell proliferation, at least partially, through

Target Details

activation of the NFkB signalling pathway(PMID:21385156). There are two protein bands of 37 kDa and 43 kDa to be detected in human testes that the the difference is most likely caused by posttranslational proteolytic cleavage(PMID:11782390). The full length protein has a signal peptide with 39 amino acids and two glycosylation sites.

Molecular Weight: 50 kDa

Gene ID: 29122

UniProt: [A0A140VJY3](#)

Application Details

Application Notes: WB: 1:500-1:5000, IHC: 1:20-1:200, IF: 1:10-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months