

Datasheet for ABIN2798619
anti-PSMA5 antibody (Center)



[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	PSMA5
Binding Specificity:	AA 106-135, Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMA5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Rabbit Anti-Human PSMA5 (Center) Antibody
Immunogen:	This PSMA5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 106-135 amino acids from the Central region of human PSMA5.
Isotype:	Ig Fraction

Target Details

Target:	PSMA5
Alternative Name:	PSMA5 (PSMA5 Products)
Background:	Target Description: The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits, 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7

Target Details

beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. PMA5 is a member of the peptidase T1A family, that is a 20S core alpha subunit.

Gene Symbol: PSMA5

Molecular Weight: 26411 Da

Gene ID: 5686

UniProt: [P28066](#)

Pathways: [Mitotic G1-G1/S Phases](#), [DNA Replication](#), [Synthesis of DNA](#)

Application Details

Application Notes: Western Blot, Immunohistochemistry

Recommended Dilutions

WB: 1:1000, IHC: 1:10-50Western blot analysis of PSMA5 (arrow) using rabbit polyclonal PSMA5 Antibody (Center) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 2.0 mg/mL

Storage: 4 °C,-20 °C

Storage Comment: 2-8°C (short-term), -20°C (long-term)