



[Go to Product page](#)

Datasheet for ABIN2791885
anti-PSMD5 antibody (C-Term)

1 Image

Overview

Quantity:	100 µL
Target:	PSMD5
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Pig, Rabbit, Cow, Zebrafish (Danio rerio), Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMD5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human PSMD5
Sequence:	FEMIESQDPT MIGVAVDTVG ILGSNVEGKQ VLQKTGTRFE RLLMRIGHQS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 86%, Rat: 93%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against PSMD5. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PSMD5
---------	-------

Target Details

Alternative Name: PSMD5 ([PSMD5 Products](#))

Background: The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core 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 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase 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. This gene encodes a non-ATPase subunit of the 19S regulator base that functions as a chaperone protein during 26S proteasome assembly.

Alias Symbols: S5B

Protein Interaction Partner: UBC, TFCP2, PSMC2, PSMC1, PPME1, GMPS, PNP, PARK2, RNF11, BAG3, FN1, MACF1, PSMD13, PSMD7, PSMD2, PSMD1, PSMB5, PSMB4, PSMB2, PSMB1, PSMA7, PSMA6, PSMA4, PSMA2, PSMA1, APP, PSMD4, COPS2, RAD23A, ELAVL1, PMS2, RPN7, RPN2, RPT1, RPT2,

Protein Size: 504

Molecular Weight: 55 kDa

Gene ID: 5711

NCBI Accession: [NM_005047](#), [NP_005038](#)

UniProt: [Q16401](#)

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

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

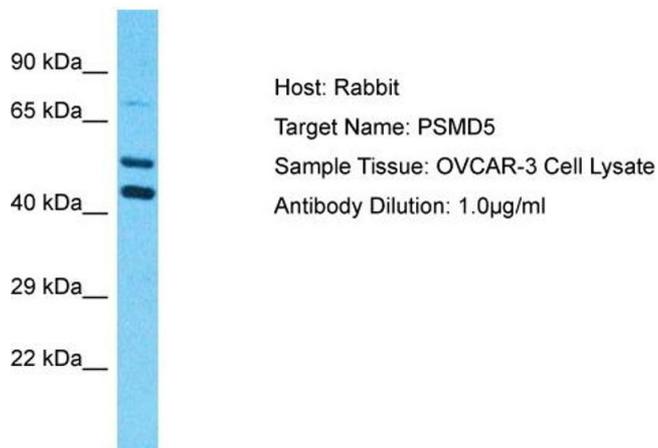
Concentration: 1 mg/mL

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. Host: Rabbit Target Name: PSMD5 Sample Type: OVCAR-3 Whole Cell lysates Antibody Dilution: 1.0ug/ml
PSMD5 is strongly supported by BioGPS gene expression data to be expressed in Human OVCAR3 cells