Datasheet for ABIN929205

anti-PSMD9 antibody (Middle Region)

1 Image

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Overview

Quantity:	100 µL
Target:	PSMD9
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMD9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	PSMD9 antibody was raised in rabbit using the middle region of PSMD9 as the immunogen
Purification:	Purified

Target Details

Target:	PSMD9
Alternative Name:	PSMD9 (PSMD9 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

Target Details

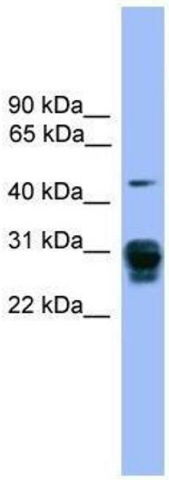
	subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a non-ATPase subunit of the 19S regulator. Synonyms: Polyclonal PSMD9 antibody, Anti-PSMD9 antibody, proteasome, prosome, macropain 26S subunit, non-ATPase, 9 antibody, MGC8644 antibody, Rpn4 antibody, p27 antibody.
Pathways:	Positive Regulation of Peptide Hormone Secretion, Negative Regulation of Hormone Secretion, Mitotic G1-G1/S Phases, DNA Replication, Synthesis of DNA, Ubiquitin Proteasome Pathway

Application Details

Application Notes:	WB: 0.2-1 µg/mL Optimal conditions should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.



Western Blotting

Image 1. PSMD9 antibody used at 0.2-1 ug/ml to detect target protein.