

## Datasheet for ABIN5703649 **anti-PSMD3 antibody**

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### Overview

Quantity:	100 µg
Target:	PSMD3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMD3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP)

### Product Details

Immunogen:	proteasome (prosome, macropain) 26S subunit, non-ATPase, 3
Isotype:	IgG

### Target Details

Target:	PSMD3
Alternative Name:	PSMD3 ( <a href="#">PSMD3 Products</a> )
Background:	<p>Synonyms: 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</p>

## Target Details

high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. This gene encodes a member of the proteasome subunit S3 family that functions as one of the non-ATPase subunits of the 19S regulator lid. Single nucleotide polymorphisms in this gene are associated with neutrophil count.

Gene ID: 5709

UniProt: [O43242](#)

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.

Comment: mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab06888(PSMD3 antibody) at dilution of 1:500

Restrictions: For Research Use only

## Handling

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.

Handling Advice: Avoid repeated freeze / thaw cycles.

Storage: -20 °C

Expiry Date: 12 months