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Datasheet for ABIN1402312
anti-PSMD7 antibody (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	PSMD7
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMD7 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PSMD7
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	PSMD7
Alternative Name:	PSMD7 (PSMD7 Products)
Background:	Synonyms: 26S proteasome non ATPase regulatory subunit 7, 26S proteasome non-ATPase regulatory subunit 7, 26S proteasome regulatory subunit rpn8, 26S proteasome regulatory subunit S12, Moloney leukemia virus 34 proviral integration, MOV 34, MOV 34L, MOV34, Mov34 homolog, Mov34 protein homolog, MOV34L, P40 antibody Proteasome prosome macropain

Target Details

26S subunit non ATPase 7, Proteasome 26S non ATPase subunit 7, Proteasome 26S S12, Proteasome subunit p40, PSD7_HUMAN, PSMD 7, PSMD-7, PSMD7, S12 antibody.

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. 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. A pseudogene has been identified on chromosome 17.

Gene ID: 5713

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

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months