

Datasheet for ABIN6980216

anti-PSME1 antibody (AA 181-249) (AbBy Fluor® 647)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PSME1
Binding Specificity:	AA 181-249
Reactivity:	Mouse, Rat, Cynomolgus
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSME1 antibody is conjugated to AbBy Fluor® 647
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PSME1
Isotype:	IgG
Cross-Reactivity:	Cynomolgus, Mouse, Rat
Predicted Reactivity:	Human, Cow, Pig
Purification:	Purified by Protein A.

Target Details

Target:	PSME1
Alternative Name:	PSME1 (PSME1 Products)

Target Details

Background: Synonyms: 11S regulator complex alpha subunit, 11S regulator complex subunit alpha, 29 kD MCP activator subunit, 29kD MCP activator subunit, Activator of multicatalytic protease subunit 1, IFI5111, IGUP I-5111, Interferon gamma IEF SSP 5111, Interferon gamma inducible protein 5111, Interferon gamma up regulated I 5111 protein, Interferon gamma up-regulated I-5111 protein, MGC8628, PA28a, PA28alpha, Proteasome (prosome, macropain) activator subunit 1 (PA28 alpha), Proteasome activator 28 subunit alpha, Proteasome activator complex subunit 1, Proteasome activator subunit 1, PSME1, PSME1_HUMAN, REG-alpha, REGalpha

Background: Implicated in immunoproteasome assembly and required for efficient antigen processing. The PA28 activator complex enhances the generation of class I binding peptides by altering the cleavage pattern of the proteasome.

Gene ID: 5720

UniProt: [Q06323](#)

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

Application Details

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

Handling

Expiry Date: 12 months