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Datasheet for ABIN6976840

## anti-PSME1 antibody (AA 181-249) (Alexa Fluor 350)

### 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 Alexa Fluor 350
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### 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 ( <a href="#">PSME1 Products</a> )

## Target Details

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**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.

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**Gene ID:** 5720

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**UniProt:** [Q06323](#)

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

## Application Details

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

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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

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**Preservative:** ProClin

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

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**Storage:** -20 °C

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

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## Handling

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Expiry Date: 12 months