

## Datasheet for ABIN629645 **anti-PSME3 antibody (C-Term)**



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	PSME3
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSME3 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	PSME3 antibody was raised using the C terminal of PSME3 corresponding to a region with amino acids TVTEIDEKEYISLRLIISELRNQYVTLHDMILKNIEKIKRPRSSNAETLY
Specificity:	PSME3 antibody was raised against the C terminal of PSME3
Purification:	Purified

#### Target Details

Target:	PSME3
Alternative Name:	PSME3 ( <a href="#">PSME3 Products</a> )
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. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-

## Target Details

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dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. The immunoproteasome contains an alternate regulator, referred to as the 11S regulator or PA28, that replaces the 19S regulator. Three subunits (alpha, beta and gamma) of the 11S regulator have been identified. PSME3 is the gamma subunit of the 11S regulator.

Molecular Weight: 29 kDa (MW of target protein)

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

## Application Details

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Application Notes: WB: 1.25 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: PSME3 Blocking Peptide, catalog no. 33R-9372, is also available for use as a blocking control in assays to test for specificity of this PSME3 antibody

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PSME3 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



### Western Blotting

**Image 1.** PSME3 antibody used at 1.25 ug/ml to detect target protein.