

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

1 Image



Overview

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 (PSME3 Products)
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

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.
29 kDa (MW of target protein)
Mitotic G1-G1/S Phases, DNA Replication, Positive Regulation of Endopeptidase Activity,
Hepatitis C, Synthesis of DNA

Application Details

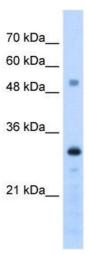
Molecular Weight:

Pathways:

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

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.