



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP57839_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/psmd12-antibody-n-terminal-region-hrp-arp57839-p050-hrp.html">www.avivasysbio.com/psmd12-antibody-n-terminal-region-hrp-arp57839-p050-hrp.html</a>
Name	PSMD12 Antibody - N-terminal region : HRP (ARP57839_P050-HRP)
Protein Size (# AA)	456 amino acids
Molecular Weight	50kDa
Subunit	12
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	5718
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Proteasome (prosome, macropain) 26S subunit, non-ATPase, 12
Alias Symbols	p55, Rpn5, STISS
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">MADGGSERADGRIVKMEVDYSATVDQRLPECAKLAKEGRLQEVITLLSL</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	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 3.
Protein Interactions	FUS; HUWE1; SUMO2; UBC; PSMD14; RNF2; KIAA0368; HNRNPA0; TXNL1; SQSTM1; PSMD11; PSMD3; PSMD1; PSMC6; PSMC5; PSMC4; PSMC2; PSMC1; FLNC; FLNB; KCMF1; PARK2; BAG3; RNF11; NPM1; NOS2; PSMD6; PSMD13; PSMD7; UGGT1; PSME3; USP14; PSME1; PSMD10; PSMD8; PSMD4; PSM
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for <a href="#">anti-PSMD12 (ARP57839_P050-HRP) antibody</a>
Blocking Peptide	For anti-PSMD12 (ARP57839_P050-HRP) antibody is <a href="#">Catalog# AAP57839</a> (Previous Catalog# AAPP43109)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PSMD12
Uniprot ID	<a href="#">O00232</a>
Protein Name	26S proteasome non-ATPase regulatory subunit 12
Sample Type Confirmation	PSMD12 is supported by BioGPS gene expression data to be expressed in HCT15
Protein Accession #	<a href="#">NP_002807</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_002816</a>
Gene Symbol	<a href="#">PSMD12</a>

<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100%
<b>Image 1</b>	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.  
Optimal conditions of its use should be determined by end users.

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