



# 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	ARP56480_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/psmd3-antibody-middle-region-biotin-arp56480-p050-biotin.html">www.avivasysbio.com/psmd3-antibody-middle-region-biotin-arp56480-p050-biotin.html</a>
Name	PSMD3 Antibody - middle region : Biotin (ARP56480_P050-Biotin)
Protein Size (# AA)	534 amino acids
Molecular Weight	61kDa
Subunit	3
Conjugation	Biotin
NCBI Gene Id	5709
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Proteasome (prosome, macropain) 26S subunit, non-ATPase, 3
Alias Symbols	S3, P58, RPN3, TSTA2
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">YSTREPQLAFHQIRISFCLDIHNMSVKAMRFPPKSYNKDLESAEERREREQ</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
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 one of the non-ATPase subunits of the 19S regulator lid.
Protein Interactions	CEP44; ZBTB43; HUWE1; SHFM1; SPRTN; SNAI2; STAU1; PSMD14; UBC; UBQLN1; FLNC; FLNB; PSMD8; PSMD4; PSMD1; PSMC6; PSMC5; PSMC4; PSMC3; PSMC2; PSMC1; KCMF1; UCHL5; KIAA0368; ADRM1; TXNL1; SQSTM1; RPS28; RPS21; RPS15A; RPS13; RPS8; PSMD12; PSMD11; PARK2; FBXO6
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-PSMD3 (ARP56480_P050-Biotin) antibody</a>
Blocking Peptide	For anti-PSMD3 (ARP56480_P050-Biotin) antibody is <a href="#">Catalog # AAP56480</a> (Previous Catalog # AAPP38935)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PSMD3
Uniprot ID	<a href="#">O43242</a>
Protein Name	26S proteasome non-ATPase regulatory subunit 3
Protein Accession #	<a href="#">NP_002800</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_002809</a>
Gene Symbol	<a href="#">PSMD3</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Yeast, Zebrafish
Application	WB

<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 82%; Zebrafish: 93%
<b>Image 1</b>	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base.

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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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