



# SZABO SCANDIC

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## 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

### SZABO-SCANDIC HandelsgmbH

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<b>Product Number</b>	ARP56481_P050-HRP
<b>Product Page</b>	<a href="http://www.avivasysbio.com/psmd10-antibody-n-terminal-region-hrp-arp56481-p050-hrp.html">www.avivasysbio.com/psmd10-antibody-n-terminal-region-hrp-arp56481-p050-hrp.html</a>
<b>Name</b>	Psm10 Antibody - N-terminal region : HRP (ARP56481_P050-HRP)
<b>Protein Size (# AA)</b>	231 amino acids
<b>Molecular Weight</b>	25kDa
<b>Subunit</b>	10
<b>Conjugation</b>	HRP: Horseradish Peroxidase
<b>NCBI Gene Id</b>	53380
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	Proteasome (prosome, macropain) 26S subunit, non-ATPase, 10
<b>Alias Symbols</b>	gan, AW554874
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">KERILADKSLATRTDQDSRTALHWACSAGHTEIVEFLQLGVPVNDKDDA</a>
<b>Product Format</b>	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
<b>Description of Target</b>	Psm10 acts as a chaperone during the assembly of the 26S proteasome, specifically of the PA700/19S regulatory complex (RC). In the initial step of the base subcomplex assembly, Psm10 is part of an intermediate PSMD10:PSMC4:PSMC5:PAAF1 module which probably assembles with a PSMD5:PSMC2:PSMC1:PSMD2 module. By similarity, Psm10 acts as an oncoprotein by being involved in negative regulation of tumor suppressors RB1 and p53/TP53. Overexpression of this gene is leading to phosphorylation of RB1 and proteasomal degradation of RB1. Psm10 regulates CDK4-mediated phosphorylation of RB1 by competing with CDKN2A for binding with CDK4.
<b>Protein Interactions</b>	Psmd4; Rb1; Cebpa; Cdk4;
<b>Reconstitution and Storage</b>	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.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-Psm10 (ARP56481_P050-HRP) antibody</a>
<b>Blocking Peptide</b>	For anti-Psm10 (ARP56481_P050-HRP) antibody is <a href="#">Catalog# AAP56481</a> (Previous Catalog# AAPP38936)
<b>Immunogen</b>	The immunogen is a synthetic peptide corresponding to a region of Mouse
<b>Uniprot ID</b>	<a href="#">Q9Z2X2</a>
<b>Protein Name</b>	26S proteasome non-ATPase regulatory subunit 10
<b>Protein Accession #</b>	<a href="#">NP_058579</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_016883</a>
<b>Gene Symbol</b>	<a href="#">Psm10</a>
<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
<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%; Rabbit: 100%; Rat: 100%; Zebrafish: 79%

**Image 1**



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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