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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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-HRP |
| Product Page | www.avivasysbio.com/psmd3-antibody-middle-region-hrp-arp56480-p050-hrp.html |
| Name | PSMD3 Antibody - middle region : HRP (ARP56480_P050-HRP) |
| Protein Size (# AA) | 534 amino acids |
| Molecular Weight | 61kDa |
| Subunit | 3 |
| Conjugation | HRP: Horseradish Peroxidase |
| 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: YSTREPQLAFHQIRISFCLDIHNMSVKAMRFPPKSYNKDLESAEERREREQ |
| 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 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 anti-PSMD3 (ARP56480_P050-HRP) antibody |
| Blocking Peptide | For anti-PSMD3 (ARP56480_P050-HRP) antibody is Catalog # AAP56480 (Previous Catalog # AAPP38935) |
| Immunogen | The immunogen is a synthetic peptide directed towards the middle region of human PSMD3 |
| Uniprot ID | O43242 |
| Protein Name | 26S proteasome non-ATPase regulatory subunit 3 |
| Protein Accession # | NP_002800 |
| Purification | Affinity Purified |
| Nucleotide Accession # | NM_002809 |
| Gene Symbol | PSMD3 |
| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Yeast, Zebrafish |
| Application | WB |

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|---|---|
| Predicted Homology Based on Immunogen Sequence | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 82%; Zebrafish: 93% |
| Image 1 |  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. |

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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