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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 | ARP56456_P050-Biotin |
| Product Page | www.avivasysbio.com/psma5-antibody-middle-region-biotin-arp56456-p050-biotin.html |
| Name | PSMA5 Antibody - middle region : Biotin (ARP56456_P050-Biotin) |
| Protein Size (# AA) | 241 amino acids |
| Molecular Weight | 26kDa |
| Subunit | alpha type-5 |
| Conjugation | Biotin |
| NCBI Gene Id | 5686 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Concentration | 0.5 mg/ml |
| Gene Full Name | Proteasome (prosome, macropain) subunit, alpha type, 5 |
| Alias Symbols | PSC5, ZETA |
| Peptide Sequence | Synthetic peptide located within the following region: FGGVDEKGPQLFHMDPSGTFVQCDARAIGSASEGAQSSLQEVYHKSMILK |
| Product Format | Liquid. Purified antibody supplied in 1x PBS buffer. |
| Reference | Beausoleil,S.A., (2006) Nat. Biotechnol. 24 (10), 1285-1292 |
| Description of Target | The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure 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 |
| Protein Interactions | HUWE1; UBC; AURKA; PSMD14; MDM2; PSMB4; PSEN1; PSMA6; PSMG3; POMP; PSMG1; PSME4; RPP38; SART3; VASP; KIF5B; HNRNPA2B1; EPB41L1; DDB2; DARS; CAST; PSMB8; PSMB7; PSMB6; PSMB5; PSMB3; PSMB2; PSMB1; PSMA7; PSMA4; PSMA3; PSMA1; PSMA2; PARK2; BAG3; NOS2; FN1; I |
| 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-PSMA5 (ARP56456_P050-Biotin) antibody |
| Blocking Peptide | For anti-PSMA5 (ARP56456_P050-Biotin) antibody is Catalog # AAP56456 (Previous Catalog # AAPP38925) |
| Immunogen | The immunogen is a synthetic peptide directed towards the middle region of human PSMA5 |
| Uniprot ID | P28066 |
| Protein Name | Proteasome subunit alpha type-5 |
| Sample Type Confirmation | PSMA5 is supported by BioGPS gene expression data to be expressed in Jurkat |
| Protein Accession # | NP_002781 |
| Purification | Affinity Purified |
| Nucleotide Accession # | NM_002790 |
| Gene Symbol | PSMA5 |
| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Yeast, Zebrafish |
| Application | WB |

| | |
|---|---|
| Predicted Homology Based on Immunogen Sequence | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 86%; Zebrafish: 100% |
| 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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