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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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

| | |
|--|---|
| Product Number | ARP57780_P050-Biotin |
| Product Page | www.avivasysbio.com/ppp2r1a-antibody-n-terminal-region-biotin-arp57780-p050-biotin.html |
| Name | PPP2R1A Antibody - N-terminal region : Biotin (ARP57780_P050-Biotin) |
| Protein Size (# AA) | 589 amino acids |
| Molecular Weight | 64kDa |
| Conjugation | Biotin |
| NCBI Gene Id | 5518 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Concentration | 0.5 mg/ml |
| Gene Full Name | protein phosphatase 2, regulatory subunit A, beta |
| Alias Symbols | MRD36, PP2AA, PR65A, PP2AAALPHA, PP2A-Aalpha |
| Peptide Sequence | Synthetic peptide located within the following region: IDELRNEDVQLRLNSIKLSTIALALGVERTRSELLPFLTDTIYDEDEVL |
| Product Format | Liquid. Purified antibody supplied in 1x PBS buffer. |
| Description of Target | PPP2R1A is a constant regulatory subunit of protein phosphatase 2. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The constant regulatory subunit A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit. PPP2R1A is an alpha isoform of the constant regulatory subunit A. |
| Protein Interactions | CSDC2; UBC; PPP2R2A; PPP2R1B; PPP2CB; POLDIP2; MOB4; SRGAP2; ANKLE2; PSIP1; ESPL1; PPFIA3; PPFIA1; IRS4; CCDC6; TFAM; PPP1R12B; HSPA7; HSPA1A; FECH; CTNNA2; CLCN6; STRN; RPS19; RPS3; PPP2R5E; PPP2R5D; PPP2R5C; PPP2CA; PEX1; LOC730668; DGKH; RAVER1; CCDC43 |
| 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-PPP2R1A (ARP57780_P050-Biotin) antibody |
| Blocking Peptide | For anti-PPP2R1A (ARP57780_P050-Biotin) antibody is Catalog# AAP57780 |
| Immunogen | The immunogen is a synthetic peptide directed towards the N-terminal region of HUMAN PPP2R1A |
| Uniprot ID | A8K7B7 |
| Protein Name | Protein phosphatase 2 (Formerly 2A), regulatory subunit A (PR 65), alpha isoform EMBL EAW72066.1 |
| Protein Accession # | NP_055040 |
| Purification | Affinity Purified |
| Nucleotide Accession # | NM_014225 |
| Gene Symbol | PPP2R1A |
| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Zebrafish |
| Application | WB |
| Predicted Homology Based on Immunogen Sequence | Cow: 100%; Dog: 100%; Goat: 86%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100% |

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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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com