



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

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| | |
|-------------------------------------|--|
| Product Number | ARP57788_P050-Biotin |
| Product Page | www.avivasysbio.com/pkm2-antibody-n-terminal-region-biotin-arp57788-p050-biotin.html |
| Name | PKM2 Antibody - N-terminal region : Biotin (ARP57788_P050-Biotin) |
| Protein Size (# AA) | 531 amino acids |
| Molecular Weight | 58kDa |
| Conjugation | Biotin |
| NCBI Gene Id | 5315 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Concentration | 0.5 mg/ml |
| Gene Full Name | Pyruvate kinase, muscle |
| Alias Symbols | PK3, TCB, p58, OIP3, PKM2, CTHBP, THBP1, HEL-S-30 |
| Peptide Sequence | Synthetic peptide located within the following region: MSKPHSEAGTAFIQTLQQLHAAMADTFLEHMCRLDIDSPITARNITGICT |
| Product Format | Liquid. Purified antibody supplied in 1x PBS buffer. |
| Description of Target | This gene encodes a protein involved in glycolysis. The encoded protein is a pyruvate kinase that catalyzes the transfer of a phosphoryl group from phosphoenolpyruvate to ADP, generating ATP and pyruvate. This protein has been shown to interact with thyroid hormone and may mediate cellular metabolic effects induced by thyroid hormones. This protein has been found to bind Opa protein, a bacterial outer membrane protein involved in gonococcal adherence to and invasion of human cells, suggesting a role of this protein in bacterial pathogenesis. Three alternatively spliced transcript variants encoding two distinct isoforms have been reported. |
| Protein Interactions | LNX1; NXT2; HUWE1; ISG15; UBC; POLE2; FUS; SUMO2; SUMO3; STAU1; MDM2; SUZ12; EZH2; IPO11; TWF2; PDLIM5; NPLOC4; PLIN3; UBA2; EIF4A3; ANP32A; SRP14; RAD23B; PPP1CA; PIN1; CTPS1; CBS; CAPZA2; ACAT2; NLK; FBXO6; YWHAQ; RAF1; IGSF8; HDAC6; MAPK7; NPM1; CDK2; |
| 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-PKM (ARP57788_P050-Biotin) antibody |
| Blocking Peptide | For anti-PKM (ARP57788_P050-Biotin) antibody is Catalog# AAP57788 (Previous Catalog# AAPP45012) |
| Immunogen | The immunogen is a synthetic peptide directed towards the N terminal region of human PKM2 |
| Uniprot ID | P14618 |
| Protein Name | Pyruvate kinase isozymes M1/M2 |
| Protein Accession # | NP_002645 |
| Purification | Affinity Purified |
| Nucleotide Accession # | NM_002654 |
| Gene Symbol | PKM |
| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit |
| Application | WB, IHC |

| | |
|---|--|
| Predicted Homology Based on Immunogen Sequence | Cow: 86%; Dog: 86%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 86%; Rat: 93% |
| 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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