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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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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	ARP53616_P050-Biotin
Product Page	www.avivasysbio.com/pdxk-antibody-middle-region-biotin-arp53616-p050-biotin.html
Name	PDXK Antibody - middle region : Biotin (ARP53616_P050-Biotin)
Protein Size (# AA)	312 amino acids
Molecular Weight	34kDa
Conjugation	Biotin
NCBI Gene Id	8566
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Pyridoxal (pyridoxine, vitamin B6) kinase
Alias Symbols	PKH, PNK, HMSN6C, PRED79, C21orf97, HEL-S-1a, C21orf124
Peptide Sequence	Synthetic peptide located within the following region: RKIHSQEEALRVMDMLHSMGPDVTVVITSSDLPSPQGSNYLIVLGSQRRRN
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Musayev,F.N., (2007) Protein Sci. 16 (10), 2184-2194
Description of Target	PDXK phosphorylates vitamin B6, a step required for the conversion of vitamin B6 to pyridoxal-5-phosphate, an important cofactor in intermediary metabolism. PDXK is cytoplasmic and probably acts as a homodimer. The protein encoded by this gene phosphorylates vitamin B6, a step required for the conversion of vitamin B6 to pyridoxal-5-phosphate, an important cofactor in intermediary metabolism. The encoded protein is cytoplasmic and probably acts as a homodimer. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	UBC; SUMO1; NEDD8; YWHAQ; BARD1; CAND1; COPS5; CUL1; CUL3; ELAVL1;
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-PDXK (ARP53616_P050-Biotin) antibody
Blocking Peptide	For anti-PDXK (ARP53616_P050-Biotin) antibody is Catalog # AAP53616 (Previous Catalog # AAPP30456)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PDXK
Uniprot ID	O00764
Protein Name	Pyridoxal kinase
Protein Accession #	NP_003672
Purification	Affinity Purified
Nucleotide Accession #	NM_003681
Gene Symbol	PDXK
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 79%; Dog: 79%; Guinea Pig: 86%; Horse: 79%; Human: 100%; Mouse: 86%; Rabbit: 86%; Rat: 93%; 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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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com