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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58040_P050-Biotin
Product Page	www.avivasysbio.com/pax1-antibody-middle-region-biotin-arp58040-p050-biotin.html
Name	PAX1 Antibody - middle region : Biotin (ARP58040_P050-Biotin)
Protein Size (# AA)	440 amino acids
Molecular Weight	46kDa
Conjugation	Biotin
NCBI Gene Id	5075
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Paired box 1
Alias Symbols	OFC2, HUP48
Peptide Sequence	Synthetic peptide located within the following region: SISRILRNKIGSLAQPGPYEASKQPPSQPTLPYNHIYQYPYSPVSPVPTGA
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Vatanavicharn,N., (2007) Am J. Med. Genet. A 143 (19), 2292-2302
Description of Target	The PAX genes, including PAX1, are a highly conserved family of developmental control genes that encode transcription factors and have been shown to play a role in pattern formation during embryogenesis in vertebrates. The PAX genes, including PAX1, are a highly conserved family of developmental control genes that encode transcription factors and have been shown to play a role in pattern formation during embryogenesis in vertebrates (McGaughan et al., 2003 [PubMed 12774041]). See PAX7 (MIM 167410) for a discussion of paired box domain genes. [supplied by OMIM]. 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	MEOX2; MEOX1;
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-PAX1 (ARP58040_P050-Biotin) antibody
Blocking Peptide	For anti-PAX1 (ARP58040_P050-Biotin) antibody is Catalog# AAP58040 (Previous Catalog# AAPP32463)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PAX1
Uniprot ID	P15863
Protein Name	Paired box protein Pax-1
Sample Type Confirmation	PAX1 is supported by BioGPS gene expression data to be expressed in 721_B
Protein Accession #	NP_006183
Purification	Affinity Purified
Nucleotide Accession #	NM_006192
Gene Symbol	PAX1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Pig, Rabbit
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 93%; Guinea Pig: 86%; Human: 100%; Mouse: 93%; Pig: 93%; Rabbit: 93%; Rat: 86%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

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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