

Rabbit PAX1 Polyclonal Antibody | anti-PAX1 antibody

PAX1 antibody - middle region

CATALOG # AAA200769	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Human, Mouse, Pig, Rabbit, Rat	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

PAX1; Polyclonal Antibody; PAX1 antibody - middle region; anti-PAX1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: SI SRILRNKIGS LAQPGPYEAS KQPPSQPTLP YNHIYQYPYP SPVSPTGA
Sequence Length	440
Applicable Applications for anti-PAX1 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 86%; Human: 100%; Mouse: 93%; Pig: 93%; Rabbit: 93%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PAX1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-PAX1 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:31250
 Positive Control: 721_B cell lysate
 PAX1 is supported by BioGPS gene expression data to be expressed in 721_B



WB (Western Blot)

Host: Rabbit
 Target: PAX1
 Sample Type: Human Fetal Muscle
 Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PAX1 antibody	This is a rabbit polyclonal antibody against PAX1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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 (McGaughran 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.
Product Categories/Family for anti-PAX1 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Developmental Biology; Various; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	197276661
NCBI GeneID	5075
NCBI Accession #	NP_006183
NCBI GenBank Nucleotide #	NM_006192
UniProt Accession #	P15863
Molecular Weight	46kDa
NCBI Official Full Name	paired box protein Pax-1 isoform 1
NCBI Official Synonym Full Names	paired box 1
NCBI Official Symbol	PAX1
NCBI Official Synonym Symbols	OFC2; HUP48
NCBI Protein Information	paired box protein Pax-1
UniProt Protein Name	Paired box protein Pax-1
UniProt Gene Name	PAX1
UniProt Synonym Gene Names	HUP48
UniProt Entry Name	PAX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.