

Rabbit PAX1 Polyclonal Antibody | anti-PAX1 antibody

PAX1 Antibody (N-term)

CATALOG # AAA288238	HOST Rabbit	REACTIVITY HumanPredicted: Mouse	APPLICATIONS ELISA, Western Blot
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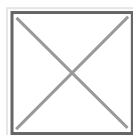
PRODUCT SYNONYMS

PAX1; Polyclonal Antibody; PAX1 Antibody (N-term); Paired box protein Pax-1; HuP48; HUP48; anti-PAX1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted: Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PAX1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 163-189 amino acids from the N-terminal region of human PAX1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	163-189
Sequence Length	534
Applicable Applications for anti-PAX1 antibody	ELISA, WB (Western Blot)
Function	This protein is a transcriptional activator. It may play a role in the formation of segmented structures of the embryo. May play an important role in the normal development of the vertebral column. (By similarity).
Cellular location	Nucleus
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

PAX1 Antibody (N-term) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the PAX1 antibody detected the PAX1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PAX1 antibody	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.
References	Huang, T.H., et al. Int. J. Gynecol. Cancer 20(4):513-519(2010) Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009) Hillmer, A.M., et al. Nat. Genet. 40(11):1279-1281(2008) Richards, J.B., et al. Nat. Genet. 40(11):1282-1284(2008) Fei, Q., et al. Zhonghua Yi Xue Za Zhi 88(37):2597-2602(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	197276661
NCBI GeneID	5075
NCBI Accession #	NP_006183.2
NCBI GenBank Nucleotide #	NM_006192.4
UniProt Accession #	P15863; Q642X9; Q6NTC0; Q9Y558; B4E0D6
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.