

Rabbit anti-Human PAX1 Polyclonal Antibody | anti-PAX1 antibody

PAX1 Antibody (C-term)

CATALOG # AAA283738	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

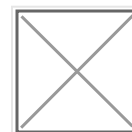
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PAX1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 443-471 amino acids from the C-terminal region of human PAX1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal 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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	443-471
Sequence Length	534
Applicable Applications for anti-PAX1 antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

PAX1 Antibody (C-term) western blot analysis in HepG2,MDA-MB453,293,K562,MCF-7 cell line lysates (35ug/lane).This demonstrates the PAX1 antibody detected the PAX1 protein (arrow).



FCM/FACS (Flow Cytometry)

PAX1 Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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
Molecular Weight	55499
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pax1-antibody-western-blot-flow-cytometry-elisa/283738>