# Rabbit anti-Human, Mouse PAX1 Polyclonal Antibody | anti-PAX1 antibody

PAX1 Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA323506** | **Rabbit** | **Human, Mouse** | **ELISA, Immunohistochemistry, Western Blot** |

## PRODUCT SYNONYMS

PAX1; Polyclonal Antibody; PAX1 Antibody; HUP48; OTTHUMP00000030407; Paired box 1; Paired box gene 1; Paired box protein Pax 1; Paired box protein Pax-1; Paired domain gene HuP48; PAX 1; Pax1; PAX1_HUMAN; anti-PAX1 antibody

## PRODUCT SPECIFICATIONS

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|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Specificity** | PAX1 antibody detects endogenous levels of total PAX1 |
| **Purity/Purification** | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin. |
| **Form/Format** | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| **Concentration** | 1mg/ml (varies by lot) |
| **Sequence Length** | 534 |
| **Applicable Applications for anti-PAX1 antibody** | ELISA, IHC (Immunohistochemistry), WB (Western Blot) |
| **Immunogen** | A synthesized peptide |
| **Subcellular Location** | Nucleus. |
| **Predicted Cross Reactivity** | **Pig, Bovine, Sheep, Rabbit, Dog, Xenopus** |
| **Similarity** | Pig (100%), Bovine (100%), Sheep (100%), Rabbit (100%), Dog (89%), Xenopus (89%) |
| **Conjugation** | Unconjugated |

## IMAGES

**IHC (Immunohistochemisry)**
AAA323506 at 1/100 staining Mouse lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

**WB (Western Blot)**
Western blot analysis of extracts from Hela, using PAX1 Antibody. Lane 1 was treated with the blocking peptide.

**WB (Western Blot)**
Western blot analysis of PAX1 expression in Jurkat (Human T cell lymphoblast-like cell line) Whole Cell Lysate, The lane on the left is treated with the antigen-specific peptide.

## ADDITIONAL INFORMATION

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|---|---|
| **Related Product Information for anti-PAX1 antibody** | 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). |

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **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** | Observed: 55 kDa<br>Predicted: 56 kDa |
| **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 |

**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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/pax1-antibody-immunohistochemistry-western-blot-elisa/323506