

PAX2 rabbit monoclonal antibody

Catalog # H00005076-K Size 100 ug x up to 3

Specification

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| Product Description | Rabbit monoclonal antibody raised against a human PAX2 peptide using ARM Technology. |
| Immunogen | A synthetic peptide of human PAX2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence. |
| Host | Rabbit |
| Library Construction | Non-fusion antibody library from rabbit spleen (ARM Technology). |
| Expression | Overexpression vector and transfection into 293H cell line. |
| Reactivity | Human |
| Purification | Protein A |
| Isotype | IgG |
| Quality Control Testing | Antibody reactive against human PAX2 peptide by ELISA and mammalian transfected lysate by Western Blot. |
| Storage Buffer | In 1x PBS, pH 7.4 |
| Storage Instruction | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |
| Deliverable | Up to three rabbit IgG clones of 100 ug each will be delivered to customer. |
| Note | 1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request. |

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PAX2

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| Entrez GeneID | 5076 |
| GeneBank Accession# | PAX2 |
| Gene Name | PAX2 |
| Gene Alias | - |
| Gene Description | paired box 2 |
| Omim ID | 120330 167409 |
| Gene Ontology | Hyperlink |
| Gene Summary | PAX2 encodes paired box gene 2, one of many human homologues of the Drosophila melanogaster gene prd. The central feature of this transcription factor gene family is the conserved DNA-binding paired box domain. PAX2 is believed to be a target of transcriptional suppression by the tumor suppressor gene WT1. Mutations within PAX2 have been shown to result in optic nerve colobomas and renal hypoplasia. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq] |
| Other Designations | OTTHUMP00000020286 OTTHUMP00000020287 paired box gene 2 paired box homeotic gene 2 paired box protein 2 |

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Nephritis](#)
- [Purpura](#)
- [Vesico-Ureteral Reflux](#)