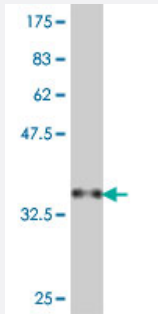


# PAX2 polyclonal antibody (A01)

Catalog # H00005076-A01

Size 50 uL

## Applications



Western Blot detection against Immunogen (38.21 KDa) .

## Specification

|                                      |                                                                                                                     |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Mouse polyclonal antibody raised against a partial recombinant PAX2.                                                |
| <b>Immunogen</b>                     | PAX2 (NP_000269, 194 a.a. ~ 303 a.a) partial recombinant protein with GST tag.                                      |
| <b>Sequence</b>                      | PRSNGEKRKRDEDVSEGSVPNGDSQSGVDSLRLKHLRADTFTQQQLEALDRVFERPSYPDVFQA<br>SEHIKSEQGNEYSLPALTPGLDEVKSSLSASTNPELGSNVSGTQTYP |
| <b>Host</b>                          | Mouse                                                                                                               |
| <b>Reactivity</b>                    | Human                                                                                                               |
| <b>Interspecies Antigen Sequence</b> | Mouse (98); Rat (82)                                                                                                |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (38.21 KDa) .            |
| <b>Storage Buffer</b>                | 50 % glycerol                                                                                                       |
| <b>Storage Instruction</b>           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                            |

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — PAX2

Entrez GeneID [5076](#)

GeneBank Accession# [NM\\_000278](#)

Protein Accession# [NP\\_000269](#)

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](#)