

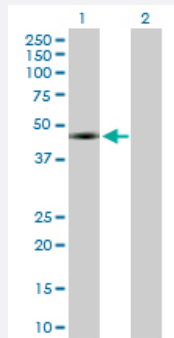
MaxPab®

# WT1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00007490-D01P

Size 100 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of WT1 expression in transfected 293T cell line ([H00007490-T02](#)) by WT1 MaxPab polyclonal antibody.

Lane 1: WT1 transfected lysate (34.50 kDa).

Lane 2: Non-transfected lysate.

## Specification

|                                      |                                                                                                                                                                                                                                                                                                                             |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Rabbit polyclonal antibody raised against a full-length human WT1 protein.                                                                                                                                                                                                                                                  |
| <b>Immunogen</b>                     | WT1 (AAH32861.1, 1 a.a. ~ 302 a.a) full-length human protein.                                                                                                                                                                                                                                                               |
| <b>Sequence</b>                      | MEKGYSTVTFDGTSPSYGHTPSHHAAQFPNHSFKHEDPMGQQGSLGEQQYSVPPPVYGCHTPTD<br>SCTGSQALLRTPYSSDNLQMTSQLECMWNQMNLGATLKGVAAGSSSSVKWTEGQSNHSTG<br>YESDNHTTPILCGAQYRMHTHGVRGIQDVRVPVGVAPTLVRSASETSEKRPFMCAYPGCNKRYF<br>KLSHLQMHRSRKHTEKPYQCDFKDCERRFSRSDQLKRHRHRTGKVPFQCKTCQRKFSRSDHL<br>KTHTRTHTGEKPFSCRWPSCQKKFARSDDELVRHHNMHQRNMTKLQLAL |
| <b>Host</b>                          | Rabbit                                                                                                                                                                                                                                                                                                                      |
| <b>Reactivity</b>                    | Human                                                                                                                                                                                                                                                                                                                       |
| <b>Interspecies Antigen Sequence</b> | Mouse (96); Rat (96)                                                                                                                                                                                                                                                                                                        |
| <b>Quality Control Testing</b>       | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                     |
| <b>Storage Buffer</b>                | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                           |
| <b>Storage Instruction</b>           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                    |

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of WT1 expression in transfected 293T cell line ([H00007490-T02](#)) by WT1 MaxPab polyclonal antibody.

Lane 1: WT1 transfected lysate(34.50 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

## Gene Info — WT1

Entrez GeneID [7490](#)

GeneBank Accession# [BC032861.2](#)

Protein Accession# [AAH32861.1](#)

Gene Name WT1

Gene Alias GUD, WAGR, WIT-2, WT33

Gene Description Wilms tumor 1

Omim ID [136680](#) [194070](#) [194072](#) [194080](#) [256370](#) [607102](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a transcription factor that contains four zinc-finger motifs at the C-terminus and a proline/glutamine-rich DNA-binding domain at the N-terminus. It has an essential role in the normal development of the urogenital system, and it is mutated in a small subset of patients with Wilms' tumors. Multiple transcript variants, resulting from alternative splicing at two coding exons, have been well characterized. There is also evidence for the use of non-AUG (CUG) translation initiation site upstream of, and in-frame with the first AUG, leading to additional isoforms. Authors of PMID:7926762 also provide evidence that WT1 mRNA undergoes RNA editing in human and rat, and that this process is tissue-restricted and developmentally regulated. [provided by RefSeq]

Other Designations -

## Disease

- [Abnormalities](#)
- [Acute Disease](#)

- [Denys-Drash Syndrome](#)
- [Disease Progression](#)
- [Eye Diseases](#)
- [Frasier Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulosclerosis](#)
- [Gonadoblastoma](#)
- [Hypospadias](#)
- [Kidney Failure](#)
- [Kidney Neoplasms](#)
- [Leukemia](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Nephrotic Syndrome](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Precursor T-Cell Lymphoblastic Leukemia-Lymphoma](#)
- [Recurrence](#)
- [Sex determination](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Urogenital Abnormalities](#)
- [Wilms Tumor](#)