# Anti-PAX1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P103921

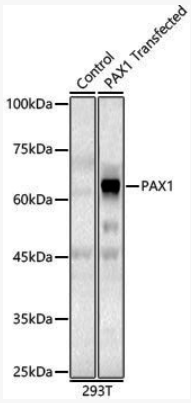
## Product Information

| | |
|---|---|
| Application | WB, ELISA |
| Reactivity | Human |
| Dilution | WB 1:500~1:2000 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | A synthetic peptide corresponding to a sequence within amino acids 300-400 of human PAX1 (NP_006183.2). |
| Format | Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-PAX1 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

| | |
|---|---|
| Synonyms | OFC2; HUP48; PAX1. |
| Calculated MW | Calculated MW: 55 kDa; Observed MW: 60 kDa |
| Uniprot ID | P15863 |
| Gene ID | 5075 |
| Background | This gene is a member of the paired box (PAX) family of transcription factors. Members of the PAX family typically contain a paired box domain and a paired-type homeodomain. These genes play critical roles during fetal development. This gene plays a role in pattern formation during embryogenesis and may be essential for development of the vertebral column. This gene is silenced by methylation in ovarian and cervical cancers and may be a tumor suppressor gene. Mutations in this gene are also associated with vertebral malformations. |

## Validation Images




Western blot analysis of lysates from wild type (WT) and 293T cells transfected with PAX1 using PAX1 Rabbit pAb (P103921) at 1:400 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 60s.