# Anti-PAX4 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P106141

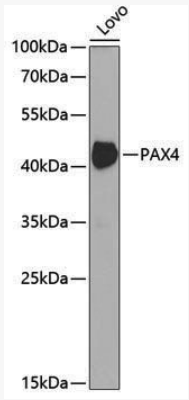
## Product Information

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| Application | WB, ELISA |
| Reactivity | Human, Mouse |
| Dilution | WB 1:500~1:2000 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | Recombinant fusion protein containing a sequence corresponding to amino acids 50-200 of human PAX4 (NP_006184.2). |
| 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-PAX4 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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|---|---|
| Synonyms | KPD; MODY9; PAX4. |
| Calculated MW | Calculated MW: 38 kDa; Observed MW: 43 kDa |
| Uniprot ID | O43316 |
| Gene ID | 5078 |
| Background | This gene is a member of the paired box (PAX) family of transcription factors. Members of this gene family typically contain a paired box domain, an octapeptide, and a paired-type homeodomain. These genes play critical roles during fetal development and cancer growth. The paired box 4 gene is involved in pancreatic islet development and mouse studies have demonstrated a role for this gene in differentiation of insulin-producing beta cells. |

## Validation Images




Western blot analysis of lysates from Lovo cells, using PAX4 Rabbit pAb (P106141) at 1:1,000 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 Enhanced Kit._Exposure time: 90s.