

## PAX4

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:** 38kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human PAX4

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

KPD; MODY9;

**Catalog #:** A5414

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 5078

**Isotype:** IgG

**Swiss Prot:** O43316

**Purity:** Affinity purification

For research use only.

**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.

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