

Anti-PAX4 Rabbit pAb

Purified Rabbit Polyclonal Antibody

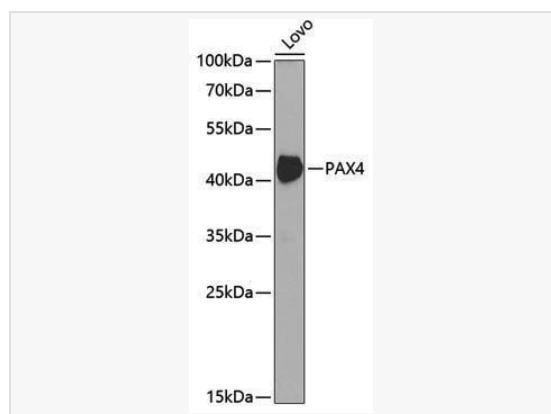
Catalog # P106141

Product Information

Application	WB, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:500~1:2,000
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

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.



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 (SQ201). Exposure time: 90s.