

#### **International Office**

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# EB09787 - Goat Anti-PAX4 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: KPD, MGC129960, MODY9, paired box 4, paired box gene 4, paired

domain gene 4, PAX4

Official Symbol: PAX4

Accession Number(s): NP\_006184.2

Human GeneID(s): 5078

Non-Human GenelD(s): 18506 (mouse), 83630 (rat)

### **Immunogen**

Peptide with sequence C-GKLATATSLPEDTVR, from the internal region of the protein sequence according to NP\_006184.2.

Please note the peptide is available for sale.

### **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

## **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:64000.

**Western blot:** Approx 37kDa band observed in Mouse Pancreas lysates and in lysates of cell lines A431, HeLa and K562 (calculated MW of 37.1kDa according to Human NP\_006184.2 and 38.0kDa according to Mouse NP\_035168.1). Recommended

concentration: 0.2-0.6µg/ml.

### **Species Reactivity**

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Rat, Dog

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB09787 (0.2μg/ml) staining of Mouse Pancreas lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

15kDa