

International Office

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Research Use Only. Not for diagnostic or therapeutic use.

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 GenelD(s): <u>5078</u> 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.

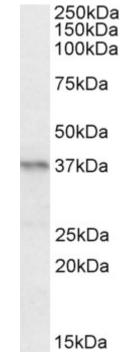
Applications Tested

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



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