

## Goat anti-PAX4 Antibody

Item Number	dAP-2093
Target Molecule	Principle Name: PAX4; Official Symbol: PAX4; All Names and Symbols: PAX4; paired box 4; KPD; MGC129960; MODY9; paired box gene 4; paired domain gene 4; Accession Number (s): NP_006184.2; Human Gene ID(s): 5078; Non-Human GenelD(s): 18506 (mouse) 83630 (rat)
Immunogen	GKLATATSLPEDTVR, is from internal region
Applications	Pep ELISA, WB, EIA Species Tested: Human, Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	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
IHC	
Reference	Reference(s): Haaland WC, Scaduto DI, Maldonado MR, Mansouri DL, Nalini R, Iyer D, Patel S, Guthikonda A, Hampe CS, Balasubramanyam A, Metzker ML, A-beta-subtype of ketosis-prone diabetes is not predominantly a monogenic diabetic syndrome. Diabetes care 2009 May 32 (5): 873-7..PMID: 19228875->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**