



Goat anti-PAX1 (aa318-329) Antibody

Item Number	dAP-2311
Target Molecule	Principle Name: PAX1 (aa318-329); Official Symbol: PAX1; All Names and Symbols: PAX1; paired box 1; HUP48; paired box gene 1; paired domain gene HuP48; Accession Number (s): NP_006183.2; Human Gene ID(s): 5075; Non-Human GeneID(s): 18503 (mouse) 311505 (rat)
Immunogen	PKMEDWAGVNRT, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
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 32000.
Western Blot	Western Blot: Approx 50kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 55.5kDa according to NP_006183.2). Recommended concentration: 0.2-0.6µg/ml.
IHC	
Reference	Reference(s): Bannykh SI, Emery SC, Gerber JK, Jones KL, Benirschke K, Masliah E, Aberrant Pax1 and Pax9 expression in Jarcho-Levin syndrome: report of two Caucasian siblings and literature review. American journal of medical genetics. Part A 2003 Jul 120A (2): 241-6..PMID: 12833407->

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**