



Goat anti-PITX3 Antibody

Item Number	dAP-1536
Target Molecule	Principle Name: PITX3; Official Symbol: PITX3; All Names and Symbols: PITX3; paired-like homeodomain 3; MGC12766; PTX3; homeobox protein PITX3; Accession Number (s): NP_005020.1; Human Gene ID(s): 5309; Non-Human GeneID(s):
Immunogen	PEHGCKGQEHS, is from internal region This antibody is not expected to cross-react with PITX1 and PITX2.
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 1000.
Western Blot	Western Blot: Approx 40kDa band observed in Human Brain (Cerebellum and Cerebral Cortex) lysates (calculated MW of 31.8kDa according to NP_005020.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (C
IHC	
Reference	Reference(s): Kim J, Inoue K, Ishii J, Vanti WB, Voronov SV, Murchison E, Hannon G, Abeliovich A. A MicroRNA feedback circuit in midbrain dopamine neurons. Science. 2007 Aug 31;317(5842):1220-4..PMID: 17761882 ->

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**