

Goat anti-PTF1A / PFT1-P48 Antibody

Item Number	dAP-1105
Target Molecule	Principle Name: PTF1A / PFT1-P48; Official Symbol: PTF1A; All Names and Symbols: PTF1A; PTF1-p48; pancreas specific transcription factor, 1a; bHLH transcription factor p48; class II bHLH protein PTF1A; exocrine pancreas-specific transcription factor p48; p48 DNA-binding subunit of transcription factor PTF1; pancreas transcription fact; Accession Number (s): NP_835455.1; Human Gene ID(s): 256297; Non-Human GenelD(s): 19213 (mouse) 117034 (rat)
Immunogen	WTDEKQLKEQN, 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 48kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 35.0kDa according to NP_835455.1). Recommended concentration: 0.5-1.5µg/ml.
IHC	
Reference	Reference(s): Pascual M, Abasolo I, Mingorance-Le Meur A, Martinez A, Del Rio JA, Wright CV, Real FX, Soriano E. Cerebellar GABAergic progenitors adopt an external granule cell-like phenotype in the absence of Ptf1a transcription factor expression. Proc Natl Acad Sci U S A. 2007 Mar 20;104(12):5193-8. Epub 2007

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**