



## Product: EB07839 – Goat anti-PTF1A / PFT1-P48 antibody

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**Research Use Only. Not  
for diagnostic or  
therapeutic use.**

Storage: Aliquot and store at  
-20°C. Minimize freezing and  
thawing.

### **Target Protein**

Principal Names: PTF1A; pancreas specific transcription factor, 1a; PTF1-p48; 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 factor 1 subunit alpha

Official Gene Symbol: PTF1A

Accession Number(s): NP\_835455.1

Human Gene ID(s): 256297

Non-Human GeneID(s): 19213 (mouse); 117034 (rat);

### **Immunogen**

Peptide with sequence C-WTDEKQLKEQN, from the internal region of the protein sequence according to NP\_835455.1

### **Purification**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied as 100 µg of purified antibody. 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

### **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:32,000. 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.

### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog

### **Background Reference**

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 Mar 14.

PMID: 17360405



EB07839 (0.5 $\mu$ g/ml) staining of Human Brain (Cerebellum) lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.