



## UK Office

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

## EB08284 - Goat Anti-PITX3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PITX3, paired-like homeodomain 3, MGC12766, PTX3, homeobox protein PITX3

**Official Symbol:** PITX3

**Accession Number(s):** NP\_005020.1

**Human GeneID(s):** [5309](#)

**Important Comments:** This antibody is not expected to cross-react with PITX1 and PITX2.

### Immunogen

Peptide with sequence PEHGCKGQEHS, from the internal region of the protein sequence according to NP\_005020.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

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

Supplied at 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.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:1000.

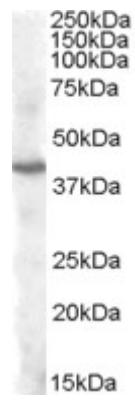
**Western blot:** Approx 40kDa band observed in Human Brain (Cerebellum and Cerebral Cortex) lysates (calculated MW of 31.8kDa according to NP\_005020.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Coulon et al, J Biol Chem. 2007 Nov 9;282(45):33192-200.; PMID: 17848564).

Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB08284 (1µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.