

## UK Office

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

## EB07542 - Goat Anti-PDE4D3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PDE4D3, phosphodiesterase 4D3

**Official Symbol:** PDE4D

**Accession Number(s):** NP\_006194.2

**Human GeneID(s):** [5144](#)

**Non-Human GeneID(s):** 24627 (mouse)

**Important Comments:** This antibody is expected to recognize isoform 3 (NP\_006194.2) only.

### Immunogen

Peptide with sequence HVNNFPFRRHS-C, from the N Terminus of the protein sequence according to NP\_006194.2.

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 1:128000.

**Western blot:** Approx 75kDa band observed in Rat Brain lysates (calculated MW of 76.5kDa according to human NP\_006194.2). Recommended concentration: 0.01-0.03µg/ml.

### Species Reactivity

**Tested:** Rat

**Expected from sequence similarity:** Human, Rat, Pig



EB07542 (0.01 $\mu$ g/ml) staining of Rat Brain lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.