

## UK Office

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

## EB07935 - Goat Anti-PDE11A Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PDE11A, phosphodiesterase 11A, FLJ23693, MGC133355, MGC133356, PPNAD2, cAMP and cGMP cyclic nucleotide phosphodiesterase 11A, cyclic nucleotide phosphodiesterase 11A, dual 3',5'-cyclic-AMP and -GMP phosphodiesterase 11A

**Official Symbol:** PDE11A

**Accession Number(s):** NP\_058649.3 ; NP\_001070665.1; NP\_001070826.1; NP\_001070664.1

**Human GeneID(s):** [50940](#)

**Non-Human GeneID(s):** 241489 (mouse), 140928 (rat)

**Important Comments:** This antibody is expected to recognise all four reported isoforms (NP\_058649.3 ; NP\_001070665.1; NP\_001070826.1; NP\_001070664.1).

### Immunogen

Peptide with sequence C-NSFKESMEKSSYSD, from the internal region of the protein sequence according to NP\_058649.3 ; NP\_001070665.1; NP\_001070826.1; NP\_001070664.1.

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 1:2000.

**Western blot:** Approx 60-65kDa band observed in Human Skeletal Muscle and Human Prostate lysates (calculated MW of 65.7kDa according to NP\_001070826.1).

Recommended concentration: 0.5-1.5µg/ml.

**IHC:** Paraffin embedded Human Prostate. Recommended concentration: 10µg/ml.

### Species Reactivity

**Tested:** Human

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

EB07935 (1µg/ml) staining of Human Prostate lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB07935 (10µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.