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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\1,5\1-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 GenelD(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.

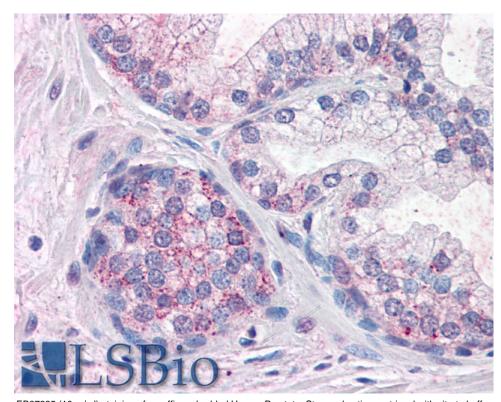
Species Reactivity

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