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EB05003 - Goat Anti-PDE4B Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PDE4B, phosphodiesterase 4B, cAMP-specific (phosphodiesterase E4 dunce homolog, Drosophila), DPDE4, PDEIVB, Phosphodiesterase-4B, cAMP-specific (dunce (Drosophila)-homolog, phosphodiesterase 4B, cAMP-specific (dunce (Drosophila)-homolog phosphodiesterase E4)
Official Symbol: PDE4B
Accession Number(s): NP_002591.2; NP_001032416.1; NP_001032417.1
Human GenelD(s): 5142
Non-Human GenelD(s): 18578 (mouse)
Important Comments: This antibody is expected to recognize all reported isoforms (NP_002591.2; NP_001032417.1).

Immunogen

Peptide with sequence C-IDIATEDKSPVDT, from the C Terminus of the protein sequence according to NP_002591.2; NP_001032416.1; NP_001032417.1.

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.

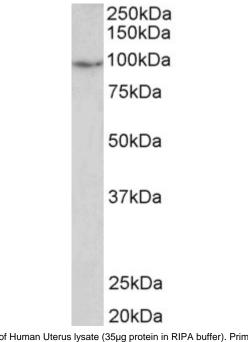
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 98kDa band observed in Human Uterus lysates (calculated MW of 83.3kDa according to NP_002591.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Méhats et al, Endocrinology. 1999 Jul;140(7):3228-37. PMID: 10385419).Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human, Mouse,



EB05003 2µg/ml) staining of Human Uterus lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.