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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

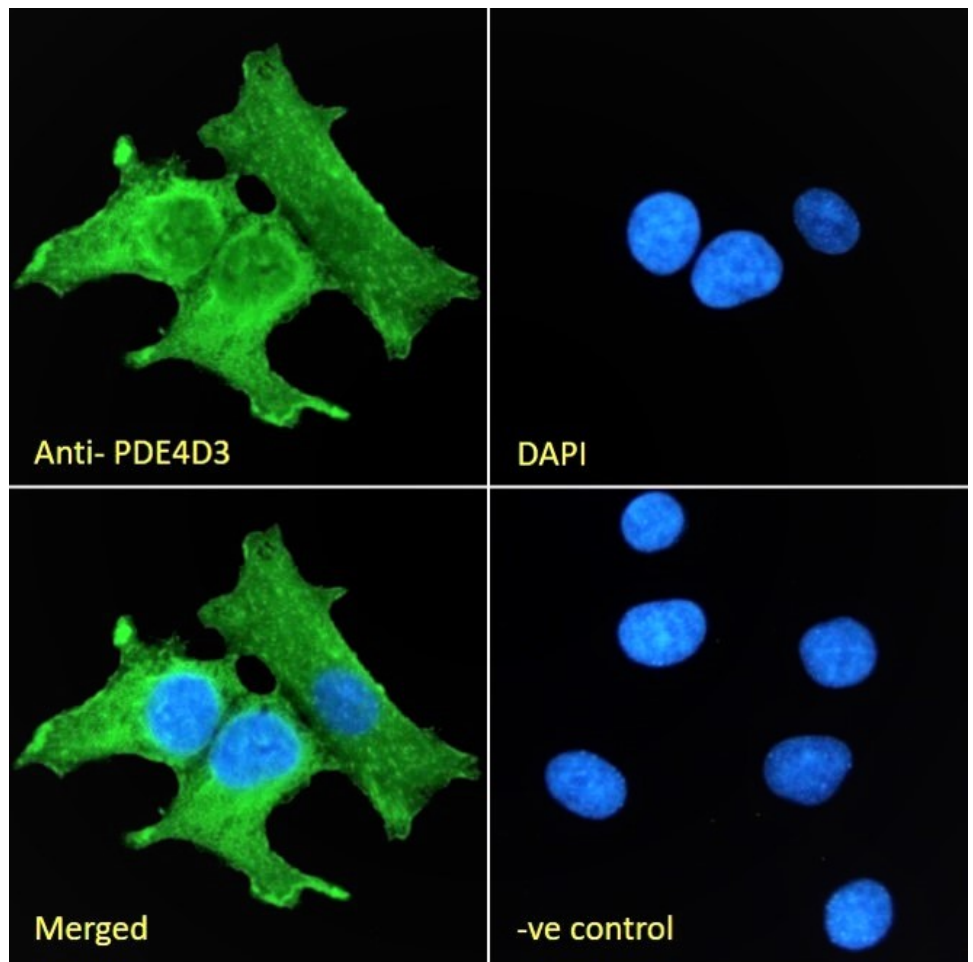
Peptide ELISA: antibody detection limit dilution 1:128000.

Immunofluorescence: Strong expression of the protein seen in the cytoplasm of A549 cells. Recommended concentration: 10µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Rat, Pig



EB07542 Immunofluorescence analysis of paraformaldehyde fixed A549 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).