Datasheet for ABIN190895

anti-PDE4D antibody (N-Term)

1 Image

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Overview

Quantity:	100 µg
Target:	PDE4D
Binding Specificity:	N-Term
Reactivity:	Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PDE4D antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	PDE4D3
Immunogen:	Peptide with sequence HVNNFPFRRHS-C, from the N Terminus of the protein sequence according to NP_006194.2.
Sequence:	HVNNFPFRRH S
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform 3 (NP_006194.2) only.
Predicted Reactivity:	Human, Rat, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	PDE4D
Alternative Name:	PDE4D (PDE4D Products)
Background:	PDE4D3, phosphodiesterase 4D3,
Gene ID:	5144
NCBI Accession:	NP_006194
Pathways:	Cellular Response to Molecule of Bacterial Origin, cAMP Metabolic Process, Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	DS WB Results: Approx 75 kDa band observed in Rat Brain lysates (calculated MW of 76.5 kDa according to human NP_006194.2). Recommended concentration: 0.01-0.03 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images

Image 1. ABIN190895 (0.01µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.