Product Datasheet

PDE4B/C/D (phospho Ser133/119/190) Polyclonal Antibody

Catalog No: #13626

Package Size: #13626-1 50ul #13626-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	PDE4B/C/D (phospho Ser133/119/190) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-PDE4B/C/D (S133/119/190) Polyclonal Antibody detects endogenous levels of PDE4B/C/D protein only when phosphorylated at S133/119/190.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human PDE4D around the phosphorylation site of Ser190/53. AA range:156-205
Other Names	PDE4B; DPDE4; cAMP-specific 3'; 5'-cyclic phosphodiesterase 4B; DPDE4; PDE32; PDE4C; DPDE1; cAMP-specific 3',5'-cyclic phosphodiesterase 4C; DPDE1; PDE21; PDE4D; DPDE3; cAMP-specific 3',5'-cyclic phosphodiesterase 4D; DPDE3; PDE43
Accession No.	Swiss Prot:Q07343/Q08493/Q08499GeneID:5144
Uniprot	Q07343/Q08493/Q08499
GeneID	5144
SDS-PAGE MW	76
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

Background

phosphodiesterase 4B(PDE4B) Homo sapiens This gene is a member of the type IV, cyclic AMP (cAMP)-specific, cyclic nucleotide phosphodiesterase (PDE) family. The encoded protein regulates the cellular concentrations of cyclic nucleotides and thereby play a role in signal transduction. Altered activity of this protein has been associated with schizophrenia and bipolar affective disorder. Alternative splicing and the use of alternative promoters results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2014],

Note: This product is for in vitro research use only