

Anti-PDE4B Rabbit Monoclonal Antibody

Catalog # ABO16015

Product Information

Application	WB, FC
Primary Accession	Q07343
Host	Rabbit
Isotype	IgG
Reactivity	Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-PDE4B Rabbit Monoclonal Antibody . Tested in WB, Flow Cytometry applications. This antibody reacts with Human, Mouse.

Additional Information

Gene ID	5142
Other Names	3', 5'-cyclic-AMP phosphodiesterase 4B, 3.1.4.53, DPDE4, PDE32, cAMP-specific phosphodiesterase 4B, PDE4B (HGNC:8781), DPDE4
Calculated MW	83343
Application Details	WB 1:500-1:2000 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 25P94
Immunogen	A synthesized peptide derived from human PDE4B
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	PDE4B (HGNC:8781)
Synonyms	DPDE4
Function	Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological processes (PubMed: 15260978). May be involved in

mediating central nervous system effects of therapeutic agents ranging from antidepressants to antiasthmatic and anti-inflammatory agents.

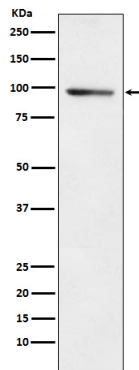
Cellular Location

[Isoform PDE4B5]: Cytoplasm. Cell membrane

Tissue Location

Expressed in brain, heart, lung and skeletal muscle (PubMed:17519386).
Expressed in white blood cells (PubMed:8392015)

Images



Western blot analysis of PDE4B expression in A549 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.