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PDE4B/C/D Polyclonal Antibody

Catalog # AP71811

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q07343, Q08493, Q08499
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	83343

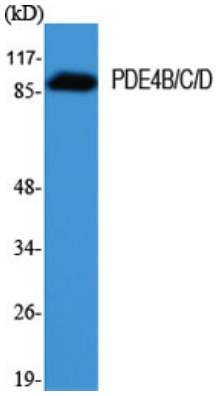
Additional Information

Gene ID	5142
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
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

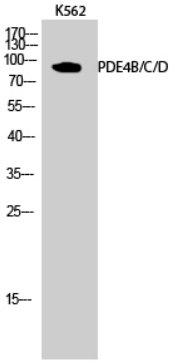
Protein Information

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 various cells using PDE4B/C/D Polyclonal Antibody



Western Blot analysis of K562 cells using PDE4B/C/D Polyclonal Antibody

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