

Anti-PDE4D Rabbit Monoclonal Antibody

Catalog # ABO15206

Product Information

Application	WB
Primary Accession	Q08499
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-PDE4D Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human.

Additional Information

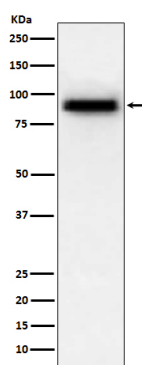
Gene ID	5144
Other Names	3', 5'-cyclic-AMP phosphodiesterase 4D, 3.1.4.53, DPDE3, PDE43, cAMP-specific phosphodiesterase 4D, PDE4D (HGNC:8783), DPDE3
Calculated MW	91115
Application Details	WB 1:500-1:2000
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 17P82
Immunogen	A synthesized peptide derived from human PDE4D
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	PDE4D (HGNC:8783)
Synonyms	DPDE3
Function	Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological processes.

Cellular Location	Apical cell membrane. Cytoplasm. Membrane. Cytoplasm, cytoskeleton. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome Note=Found in the soluble fraction, associated with membranes, and associated with the cytoskeleton and the centrosome (By similarity) Colocalized with SHANK2 to the apical membrane of colonic crypt cells
Tissue Location	Expressed in colonic epithelial cells (at protein level). Widespread; most abundant in skeletal muscle [Isoform 8]; Detected in brain, placenta, lung and kidney.

Images



Western blot analysis of PDE4D expression in human fetal heart lysate.

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