

Anti-PDE4D Rabbit Monoclonal Antibody
Catalog # ABO15206**Specification**

Anti-PDE4D Rabbit Monoclonal Antibody - 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.

Anti-PDE4D Rabbit Monoclonal Antibody - Additional Information

Gene ID 5144

Other Names

3', 5'-cyclic-AMP phosphodiesterase 4D, 3.1.4.53, DPDE3, PDE43, cAMP-specific phosphodiesterase 4D, PDE4D (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=8783), DPDE3

Application Details

WB 1:500-1:2000

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.

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.

Anti-PDE4D Rabbit Monoclonal Antibody - 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

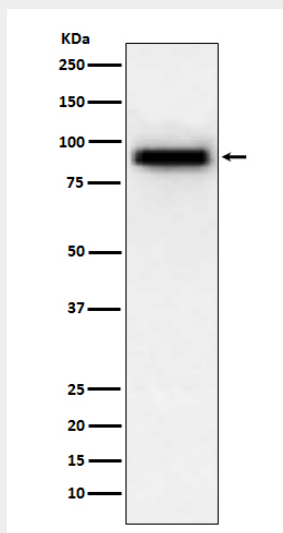
Tissue Location

Expressed in colonic epithelial cells (at protein level). Widespread; most abundant in skeletal muscle [Isoform 8]: Detected in brain, placenta, lung and kidney.

Anti-PDE4D Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-PDE4D Rabbit Monoclonal Antibody - Images

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