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Anti-PDE4C Antibody

Catalog # AP51418

Product Information

Application	WB, IP
Primary Accession	Q08493
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	79902

Additional Information

Gene ID	5143
Other Names	DPDE1; cAMP-specific 3', 5'-cyclic phosphodiesterase 4C; DPDE1; PDE21
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PDE4C. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IP~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

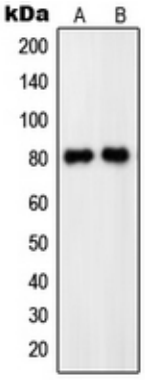
Name	PDE4C (HGNC:8782)
Synonyms	DPDE1
Function	Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological processes.
Cellular Location	Cell projection, cilium {ECO:0000250|UniProtKB:Q3UEI1}
Tissue Location	Expressed in various tissues but not in cells of the immune system.

References

Engels P.,et al.FEBS Lett. 358:305-310(1995).
Sullivan M.,et al.Cell. Signal. 11:735-742(1999).
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Grimwood J.,et al.Nature 428:529-535(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Images



Western blot analysis of PDE4C expression in HEK293T (A), SHSY5Y (B) whole cell lysates. (Predicted band size: 79 kD; Observed band size: 80 kD)

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