

PDE4B Antibody (C-Terminus)
Goat Polyclonal Antibody
Catalog # ALS13085**Specification**

PDE4B Antibody (C-Terminus) - Product Information

Application	IHC
Primary Accession	Q07343
Reactivity	Human, Mouse
Host	Goat
Clonality	Polyclonal
Calculated MW	83kDa KDa

PDE4B Antibody (C-Terminus) - Additional Information**Gene ID** 5142**Other Names**

cAMP-specific 3', 5'-cyclic phosphodiesterase 4B, 3.1.4.53, DPDE4, PDE32, PDE4B, DPDE4

Target/Specificity

Human PDE4B. This antibody is expected to recognise all reported isoforms (NP_002591.2, NP_001032418.1, NP_001032416.1 and NP_001032417.1).

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

PDE4B Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

PDE4B Antibody (C-Terminus) - 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

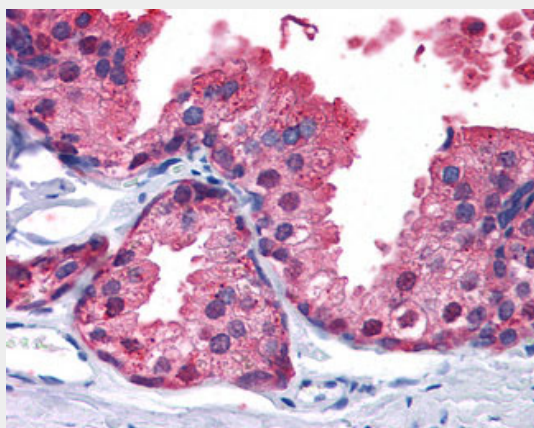
cells (PubMed:8392015)

PDE4B Antibody (C-Terminus) - 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](#)

PDE4B Antibody (C-Terminus) - Images



Anti-PDE4B antibody IHC of human prostate.

PDE4B Antibody (C-Terminus) - Background

Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological processes. May be involved in mediating central nervous system effects of therapeutic agents ranging from antidepressants to antiasthmatic and anti-inflammatory agents.

PDE4B Antibody (C-Terminus) - References

Oberholte R., et al. Gene 129:239-247(1993).
Bolger G., et al. Mol. Cell. Biol. 13:6558-6571(1993).
Huston E., et al. Biochem. J. 328:549-558(1997).
McLaughlin M.M., et al. J. Biol. Chem. 268:6470-6476(1993).
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