

Product name: PDE4D
Cat number: AB-83940
Size: 100 ug
Clone: POLY
Concentration: 1mg/ml
Host: Rb
Isotype: IgG
Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 249-518 of human PDE4D
Reactivity: Hu, Ms, Rt
Applications: Western Blot: 1:500 -1:1000 Immunohistochemistry: 1:50 -1:100
Molecular Weight: 91kDa, 105kDa
Purification: Aff. Pur.
Form: Liquid
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage: Store at -20°C. Avoid freeze / thaw cycles.

Background: This gene encodes one of four mammalian counterparts to the fruit fly 'dunce' gene. The encoded protein has 3',5'-cyclic-AMP phosphodiesterase activity and degrades cAMP, which acts as a signal transduction molecule in multiple cell types. This gene uses different promoters to generate multiple alternatively spliced transcript variants that encode functional proteins.



