

PDE4D Polyclonal Antibody

Catalog No.	A1659	Category	Polyclonal Antibodies
Applications	WB, IHC	Observed MW	91kDa, 105kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	23-24kDa/57-91kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 249-518 of human PDE4D (NP_001184152.1).
Gene ID	5144
Swiss prot	Q08499
Synonyms	PDE4D; ACRDYS2; DPDE3; HSPDE4D; PDE43; PDE4DN2 ; STRK1; phosphodiesterase 4D

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

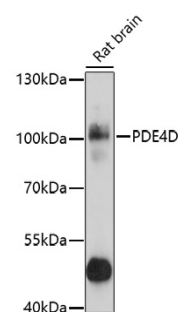
Background

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.

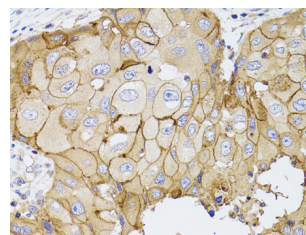
Recommended Dilutions

WB 1:500 -
1:2000

IHC 1:50 -
1:200



Western blot - PDE4D Polyclonal Antibody (A1659)



Immunohistochemistry - PDE4D Polyclonal Antibody (A1659)