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anti-PDE4A antibody



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	N/P	r\/	i⊢₩

Quantity:	100 μL
Target:	PDE4A
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDE4A antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PDE4A8
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	PDE4A
Abstract:	PDE4A Products
Background:	Synonyms: 2EL, DPDE2, PDE4, PDE46, PDE4A, Phosphodiesterase 4A, Phosphodiesterse Type
	4A8, PDE4A_HUMAN.
	Background: The PDE4A8 is a testis germ cell-specific PDE4A variant. There are two PDE4A

Target Details

variants identified in rat testis (PDE4A8 and an un-characterized 76 kDa PDE4A protein). Spermatogenesis is accompanied by expression of a varied repertoire of PDE4 enzymes at different stages of cell differentiation that presumably perform specialized functions. Confocal microscopic examination revealed the presence of PDE4A8 in primary and secondary spermatids but not in mature spermatozoa. PDE4A8 inhibition results in increased apoptosis of the germ cells accompanied with reduction in the number of mature spermatozoa.

Gene ID:

5141

Pathways:

cAMP Metabolic Process

Application Details

Application Notes:

WB 1:300-5000

IHC-P 1:200-400

IF(IHC-P) 1:50-200

Restrictions:

For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months