# antibodies -online.com







# anti-PDE4A antibody (AbBy Fluor® 488)



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Quantity:	100 μL	
Target:	PDE4A	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PDE4A antibody is conjugated to AbBy Fluor® 488	
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (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 variants identified in rat testis (PDE4A8 and an un-characterized 76 kDa PDE4A protein).

### Target Details

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.
5141

Gene ID:

Pathways:

cAMP Metabolic Process

For Research Use only

## **Application Details**

Application Notes:	IF(IHC-P) 1:50-200

#### Handling

Restrictions:

Tarram 1g	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months