

# PDE4C Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51418

## Product Information

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<b>Application</b>	WB, IP
<b>Primary Accession</b>	<a href="#">Q08493</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	79902

## Additional Information

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<b>Gene ID</b>	5143
<b>Other Names</b>	cAMP-specific 3', 5'-cyclic phosphodiesterase 4C, DPDE1, PDE21, PDE4C, DPDE1
<b>Dilution</b>	WB~~1:1000 IP~~N/A
<b>Format</b>	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	PDE4C ( <a href="#">HGNC:8782</a> )
<b>Synonyms</b>	DPDE1
<b>Function</b>	Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological processes.
<b>Cellular Location</b>	Cell projection, cilium {ECO:0000250 UniProtKB:Q3UEI1}
<b>Tissue Location</b>	Expressed in various tissues but not in cells of the immune system.

## Background

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Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological processes.

## References

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Engels P.,et al.FEBS Lett. 358:305-310(1995).  
Sullivan M.,et al.Cell. Signal. 11:735-742(1999).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Grimwood J.,et al.Nature 428:529-535(2004).  
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

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