



Anti-PDE4B Polyclonal Antibody (CABT-B8932)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody detects all PDE4B proteins, including PDE4B1, PDE4B2, PDE4B3, and a 66 kDa PDE4B variant. It does not cross-react with other PDE family members such as PDE4A, PDE4C. May have minor crossreactivity to PDE4D.
Immunogen	Synthetic peptide common to all PDE4B subtypes taken near N-terminal
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	ELISA, ICC, IF, IHC, IP, WB
Format	Liquid
Concentration	0.68 µg/µl in antibody stabilization buffer
Size	100 µg
Preservative	None
Storage	-20°C for long term storage

BACKGROUND

Introduction	This gene is a member of the type IV, cyclic AMP (cAMP)-specific, cyclic nucleotide phosphodiesterase (PDE) family. The encoded protein regulates the cellular concentrations of
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cyclic nucleotides and thereby play a role in signal transduction. Altered activity of this protein has been associated with schizophrenia and bipolar affective disorder. Alternative splicing and the use of alternative promoters results in multiple transcript variants encoding different isoforms.

GENE INFORMATION

Entrez Gene ID	5142
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UniProt ID	Q07343
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