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BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-PDE8A Antibody Picoband® HRP Conjugated

Catalog Number: A05304-1-HRP

About PDE8A

High affinity cAMP-specific and IBMX-insensitive 3', 5'-cyclic phosphodiesterase 8A is an enzyme that in humans is encoded by the PDE8A gene. The protein encoded by this gene belongs to the cyclic nucleotide phosphodiesterase (PDE) family, and PDE8 subfamily. This PDE hydrolyzes the second messenger, cAMP, which is a regulator and mediator of a number of cellular responses to extracellular signals. Thus, by regulating the cellular concentration of cAMP, this protein plays a key role in many important physiological processes. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Overview

Product Name	Anti-PDE8A Antibody Picoband® HRP Conjugated
Reactive Species	Human
Application	WB, IHC, ELISA
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	O60658

Technical Details

Immunogen	E.coli-derived human PDE8A recombinant protein (Position: R32-E495). Human PDE8A shares 80.5% amino acid (aa) sequence identity with mouse PDE8A.
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP
Suggested Dilutions	Western blot, Optimal dilutions should be determined by end users. Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users.

	ELISA, Optimal dilutions should be determined by end users.

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Anti-PDE8A Antibody - HRP

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