

Anti-PDE3B Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Dog,Pig,Horse,Rabbit)
Molecular Weight:	Theoretical: 124 kDa. Actual: 124 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample: Hela (Human) Cell Lysate at 30 µg Primary: Anti-PDE3B (TMAB-10108) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 124 kD Observed band size: 124 kD
	2. Sample: k562 (human) Cell Lysate at 30 µg Primary: Anti-PDE3B (TMAB-10108) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 124 kD Observed band size: 124 kD
	Application: WB
	Recommended WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human PDE3B
Antigen Species:	Human
Gene ID:	5140
Uniprot ID:	Q13370

Research Background

PDE3B is found in lymphocytes. The PDE7A1 (HCP1) isozyme and the PDE7A2 proteins, alternate splice products of PDE7A, are highly expressed in skeletal muscle. PDE7B is most highly expressed in pancreas. The PDE family contains proteins that serve tissue-specific roles in regulation of lipolysis, glycogenolysis, myocardial contractility, and smooth muscle relaxation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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