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Datasheet for ABIN1881646

anti-PDE8B antibody (AA 296-324)

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Overview

Quantity:	400 µL
Target:	PDE8B
Binding Specificity:	AA 296-324
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDE8B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PDE8B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 296-324 amino acids from the Central region of human PDE8B.
Clone:	RB42219
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PDE8B
Alternative Name:	PDE8B (PDE8B Products)
Background:	The protein encoded by this gene is a cyclic nucleotide phosphodiesterase (PDE) that catalyzes

Target Details

the hydrolysis of the second messenger cAMP. The encoded protein, which does not hydrolyze cGMP, is resistant to several PDE inhibitors. Defects in this gene are a cause of autosomal dominant striatal degeneration (ADSD). Several transcript variants encoding different isoforms have been found for this gene.

Molecular Weight:	98979
NCBI Accession:	NP_001025022 , NP_001025023 , NP_001025024 , NP_001025025 , NP_003710
UniProt:	O95263
Pathways:	Negative Regulation of Hormone Secretion , cAMP Metabolic Process

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

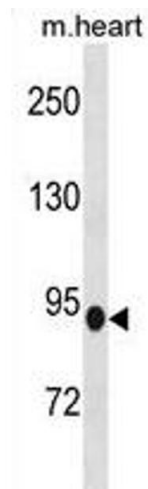
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Publications

Product cited in: Akpa, Oyejola: "Modeling the transmission dynamics of HIV/AIDS epidemics: an introduction and a review." in: **Journal of infection in developing countries**, Vol. 4, Issue 10, pp. 597-608, (2010) ([PubMed](#)).

Kladney, Cardiff, Kwiatkowski, Chiang, Weber, Arbeit, Lu: "Tuberous sclerosis complex 1: an epithelial tumor suppressor essential to prevent spontaneous prostate cancer in aged mice." in: **Cancer research**, Vol. 70, Issue 21, pp. 8937-47, (2010) ([PubMed](#)).



Western Blotting

Image 1. PDE8B Antibody (Center) (ABIN1881646 and ABIN2838937) western blot analysis in mouse heart tissue lysates (35 μ g/lane). This demonstrates the PDE8B antibody detected the PDE8B protein (arrow).