

Datasheet for ABIN7451944
anti-PDE4D antibody (AA 709-759)



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Overview

Quantity:	20 µg
Target:	PDE4D
Binding Specificity:	AA 709-759
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDE4D antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-PDE4D Antibody, Affinity Purified
Immunogen:	between AA 709 and 759
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	PDE4D
Alternative Name:	PDE4D (PDE4D Products)
Background:	Background: PDE4D (cAMP-specific 3',5'-cyclic phosphodiesterase 4D) is one of four mammalian counterparts to the fruit fly 'dunce' gene. PDE4D has 3',5'-cyclic-AMP

Target Details

	phosphodiesterase activity and degrades cAMP, which acts as a signal transduction molecule in multiple cell types [taken from NCBI Entrez Gene (GeneID: 5144)].
Gene ID:	5144
NCBI Accession:	NP_001098101
UniProt:	Q08499
Pathways:	Cellular Response to Molecule of Bacterial Origin , cAMP Metabolic Process , Myometrial Relaxation and Contraction , Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	IP: 2 - 5 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	Tris-buffered Saline containing 0.1 % BSA and 0.09 % 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
Expiry Date:	12 months