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Datasheet for ABIN1385668 **anti-PDE4DIP antibody**

Overview

Quantity:	100 µL
Target:	PDE4DIP
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDE4DIP antibody is un-conjugated
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CMYA2/PDE4DIP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	PDE4DIP
Alternative Name:	CMYA2 (PDE4DIP Products)
Background:	Synonyms: Cardiomyopathy associated protein 2, Cardiomyopathy-associated protein 2, CMYA2, MMGL, MYOME_HUMAN, Myomegalin, Pde4dip, Phosphodiesterase 4D interacting protein, Phosphodiesterase 4D-interacting protein.

Target Details

Background: May function as an anchor sequestering components of the cAMP-dependent pathway to Golgi and/or centrosomes. Myomegalin, is a 2,346 amino acid protein that contains one NBPF domain and localizes to the nucleus, cytoplasm, centrosome and Golgi apparatus. Expressed at high levels in fetal and adult heart and at lower levels in brain and placenta, myomegalin is thought to function as an anchoring protein that sequesters members of the cAMP-dependent pathway to the Golgi and to centrosomes, thereby mediating cAMP pathway dynamics. Translocations in the gene that encodes myomegalin are associated with myeloproliferative disorders (MBDs), a group of diseases caused by an overproduction of blood cells. Myomegalin exists as twelve isoforms due to alternative splicing events.

Gene ID: 9659

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: IHC-P 1:200-400
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months