

ARG41188 anti-PDE4DIP antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PDE4DIP
Tested Reactivity	Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PDE4DIP
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-310 of Human PDE4DIP (NP_071754.3).
Conjugation	Un-conjugated
Alternate Names	MMGL; Phosphodiesterase 4D-interacting protein; CMYA2; Myomegalin; Cardiomyopathy-associated protein 2

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse skeletal muscle	
Observed Size	~ 250 kDa	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PDE4DIP
Gene Full Name	phosphodiesterase 4D interacting protein
Background	The protein encoded by this gene serves to anchor phosphodiesterase 4D to the Golgi/centrosome region of the cell. Defects in this gene may be a cause of myeloproliferative disorder (MBD) associated with eosinophilia. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2010]
Function	May function as an anchor sequestering components of the cAMP-dependent pathway to Golgi and/or centrosomes. [UniProt]
Calculated Mw	265 kDa
Cellular Localization	Golgi apparatus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Isoform 13: Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton. Golgi apparatus. Note=Associated with the microtubule network at the growing distal tip of microtubules (PubMed:29162697). Targeting to the Golgi apparatus requires AKAP9 (PubMed:25217626). [UniProt]

Images



Mouse skeletal muscle

ARG41188 anti-PDE4DIP antibody WB image

Western blot: 25 µg of Mouse skeletal muscle lysate stained with ARG41188 anti-PDE4DIP antibody at 1:1000 dilution.