

Product Data Sheet

Anti-Myomegalin Antibody

Catalog #	Source	Reactivity	Applications
CQA1645	Rabbit	H, M, R	WB, IH
Description	Rabbit polyclonal antibody to Myomegalin		
Immunogen	Recombinant full length protein of human Myomegalin		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Myomegalin protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/200)		
Gene Symbol	PDE4DIP		
Alternative Names	CMYA2; KIAA0454; KIAA0477; MMGL; Myomegalin; Cardiomyopathy-associated protein 2; Phosphodiesterase 4D-interacting protein		
Entrez Gene	9659 (Human); 83679 (Mouse); 64183 (Rat)		
SwissProt	Q5VU43 (Human); Q80YT7 (Mouse); Q9WUJ3 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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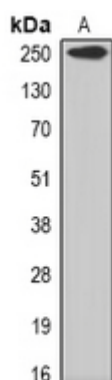
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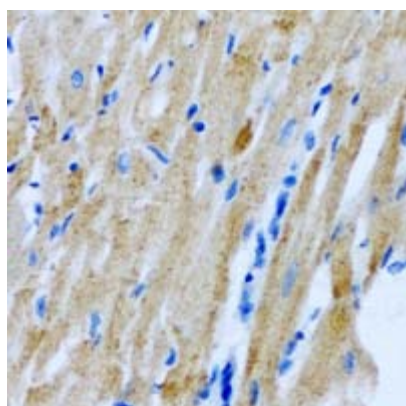
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Western blot analysis of Myomegalin expression in mouse skeletal muscle (A) whole cell lysates.



Immunohistochemical analysis of Myomegalin staining in rat heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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