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## Datasheet for ABIN6258623 anti-MRCKG antibody (C-Term)

2 Images



Overview

Quantity:	100 μL
Target:	MRCKG (CDC42BPG)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MRCKG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	A synthesized peptide derived from human MRCKG, corresponding to a region within C- terminal amino acids.
lsotype:	lgG
Specificity:	MRCKG Antibody detects endogenous levels of total MRCKG.
Predicted Reactivity:	Sheep
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:

MRCKG (CDC42BPG)

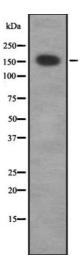
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### Target Details

Alternative Name:	CDC42BPG (CDC42BPG Products)
Background:	Description: May act as a downstream effector of CDC42 in cytoskeletal reorganization. Contributes to the actomyosin contractility required for cell invasion, through the regulation of MYPT1 and thus MLC2 phosphorylation (By similarity). Gene: CDC42BPG
Gene ID:	55561
UniProt:	Q6DT37

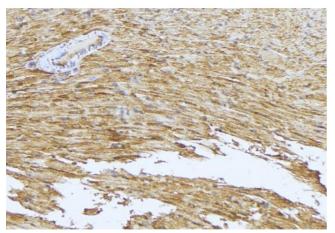
#### **Application Details**

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Expiry Date:	12 months



#### Western Blotting

**Image 1.** Western blot analysis of MRCKG expression in HEK293 cells ,The lane on the left is treated with the antigen-specific peptide.



#### Immunohistochemistry

**Image 2.** ABIN6273543 at 1/100 staining Mouse muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22<sub>j</sub>ãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary