

DATASHEET

CMG2 Rabbit Polyclonal Antibody

CAT. NO. APA13307

KEY FEATURES

Target	CMG2	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB, IHC, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Necessary for cellular interactions with laminin and the extracellular matrix.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:50 - 1:200
IF/ICC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to CMG2
Specificity	Recognizes endogenous levels of CMG2 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CMG2
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 34; Observed: 54 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	CMG2; Anthrax toxin receptor 2; Capillary morphogenesis gene 2 protein; CMG-2
Gene Symbol	ANTXR2
Entrez Gene	118429(Human); 71914(Mouse)
SwissProt	P58335(Human); Q6DFX2(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

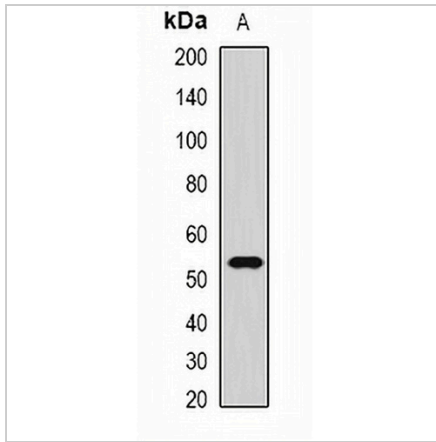
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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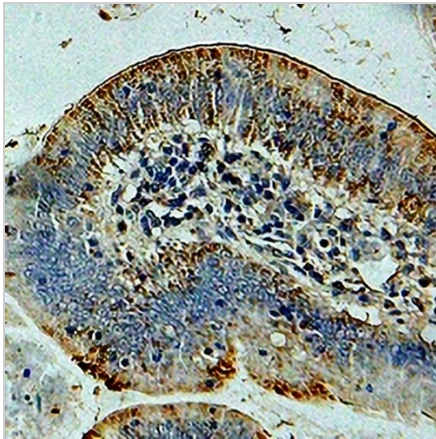
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DATA



Western blot analysis of CMG2 expression in PC3 (A) whole cell lysates. (Predicted band size: 34; 42; 53 kD; Observed band size: 54 kD)



Immunohistochemical analysis of CMG2 staining in human colon cancer 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.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.