

Product Data Sheet

Anti-CMG2 Antibody

Catalog #	Source	Reactivity	Applications
CQA1823	Rabbit	H, M	WB, IH, IF/IC
Description	Rabbit polyclonal antibody to CMG2		
Immunogen	Recombinant full length protein of human CMG2		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of CMG2 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), IF/IC (1/50 - 1/200)		
Gene Symbol	ANTXR2		
Alternative Names	CMG2; Anthrax toxin receptor 2; Capillary morphogenesis gene 2 protein; CMG-2		
Entrez Gene	118429 (Human); 71914 (Mouse)		
SwissProt	P58335 (Human); Q6DFX2 (Mouse)		
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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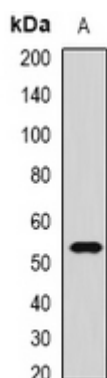
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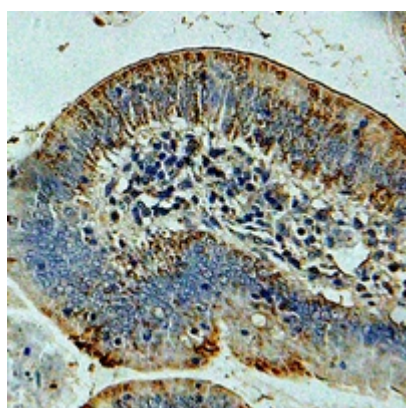
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Western blot analysis of CMG2 expression in PC3 (A) whole cell lysates. (Predicted band size: 34; 42; 53 kD; Observed band size: 54 kD)



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.

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