

Anti-Malcavernin Antibody

Catalog #	Source	Reactivity	Applications
CQA1406	Rabbit	H, M	WB, IH
Description	Rabbit polyclonal antibody to Malcavernin		
Immunogen	Recombinant full length protein of human Malcavernin		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Malcavernin 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	CCM2		
Alternative Names	C7orf22; Malcavernin; Cerebral cavernous malformations 2 protein		
Entrez Gene	83605 (Human); 216527 (Mouse)		
SwissProt	Q9BSQ5 (Human); Q8K2Y9 (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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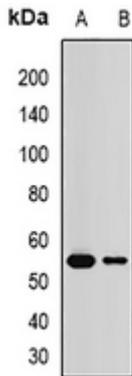
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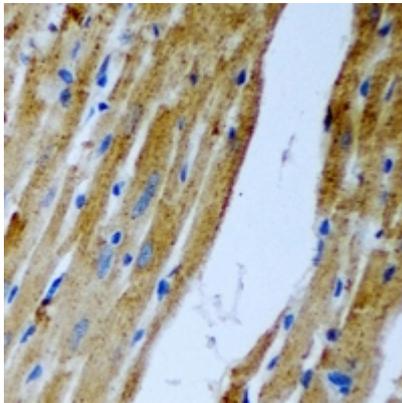
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Product Data Sheet



Western blot analysis of Malcavernin expression in mouse brain (A), mouse testis (B) whole cell lysates. (Predicted band size: 39; 42; 48; 51 kD; Observed band size: 55 kD)



Immunohistochemical analysis of Malcavernin 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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