

Rabbit anti-Human, Mouse CCM2 Polyclonal Antibody | anti-CCM2 antibody

CCM2 Antibody

CATALOG # AAA328802	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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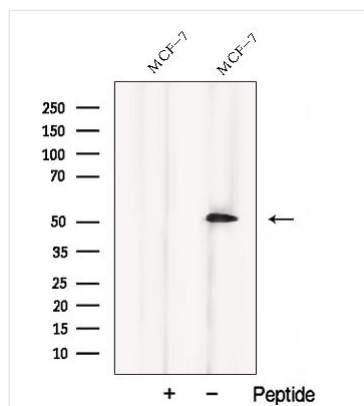
PRODUCT SYNONYMS

CCM2; Polyclonal Antibody; CCM2 Antibody; C7orf22; Ccm2; CCM2 gene; CCM2_HUMAN; Cerebral cavernous malformation 2; Cerebral cavernous malformations 2 protein; Chromosome 7 open reading frame 22; Malcavernin; MGC4067; MGC4607; MGC74868; OSM; Osmosensing scaffold for MEKK3; OTTHUMP00000159554; OTTHUMP00000214270; OTTHUMP00000214271; OTTHUMP00000214273; PP10187; anti-CCM2 antibody

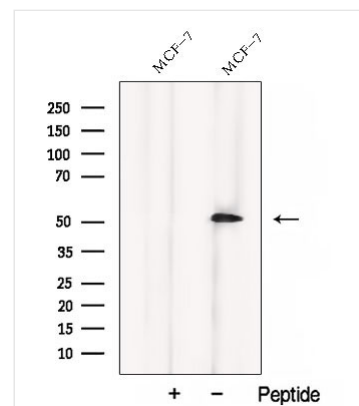
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	CCM2 Antibody detects endogenous levels of CCM2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	465
Applicable Applications for anti-CCM2 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human CCM2, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis of extracts from MCF-7 cells, using CCM2 Antibody. The lane on the left was treated with blocking peptide.


WB (Western Blot)

Western blot analysis of extracts from 3T3, using CCM2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CCM2 antibody	Description: Component of the CCM signaling pathway which is a crucial regulator of heart and vessel formation and integrity. May act through the stabilization of endothelial cell junctions (By similarity). May function as a scaffold protein for MAP2K3-MAP3K3 signaling. Seems to play a major role in the modulation of MAP3K3-dependent p38 activation induced by hyperosmotic shock (By similarity). Subunit Structure: Part of a complex with MAP2K3, MAP3K3 and RAC1. Binds RAC1 directly and independently of its nucleotide-bound state (By similarity). Interacts with HEG1 and KRIT1; KRIT1 greatly facilitates the interaction with HEG1 (By similarity). Interacts with PDCD10. Similarity: The C-terminal region constitutes an independently folded domain that has structural similarity with the USH1C (harmonin) N-terminus, despite very low sequence similarity. Belongs to the CCM2 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	71067341
NCBI GeneID	83605
NCBI Accession #	NP_001025006.1
NCBI GenBank Nucleotide #	NP_001025006.1
UniProt Accession #	Q9BSQ5
Molecular Weight	52 kDa
NCBI Official Full Name	cerebral cavernous malformations 2 protein isoform 1
NCBI Official Synonym Full Names	CCM2 scaffold protein
NCBI Official Symbol	CCM2
NCBI Official Synonym Symbols	OSM; C7orf22; PP10187
NCBI Protein Information	cerebral cavernous malformations 2 protein
UniProt Protein Name	Malcavernin
UniProt Gene Name	CCM2
UniProt Synonym Gene Names	C7orf22
UniProt Entry Name	CCM2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ccm2-antibody-western-blot-elisa/328802>