

Rabbit CCM2 Antibody | anti-CCM2 antibody

CCM2

CATALOG # AAA279810	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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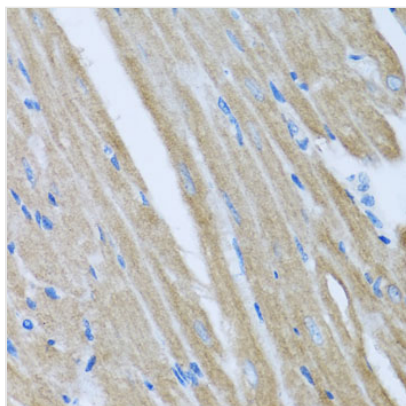
PRODUCT SYNONYMS

CCM2; C7orf22; OSM; PP10187; anti-CCM2 antibody

PRODUCT SPECIFICATIONS

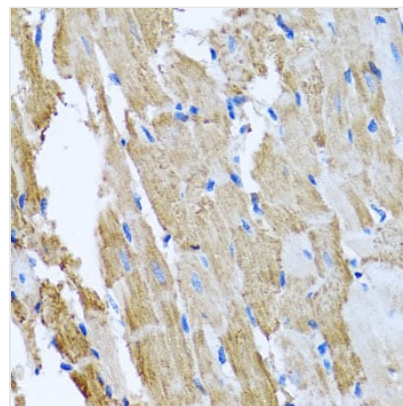
Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Applicable Applications for anti-CCM2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human CCM2 (NP_113631.1).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



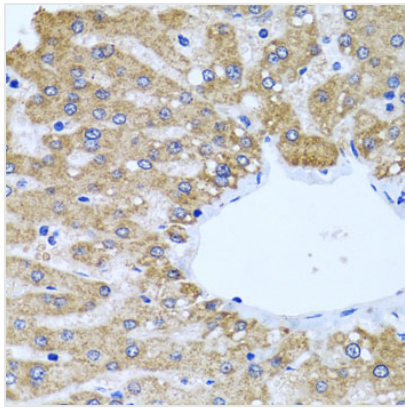
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse heart using CCM2 antibody (AAA279810) at dilution of 1:100 (40x lens).



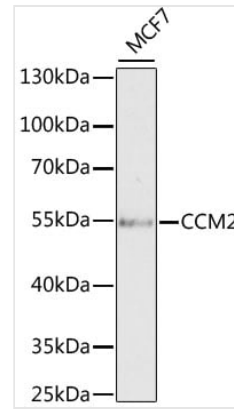
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using CCM2 antibody (AAA279810) at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver using CCM2 antibody (AAA279810) at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of MCF7 cells, using CCM2 antibody (AAA279810) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-CCM2 antibody	This gene encodes a scaffold protein that functions in the stress-activated p38 Mitogen-activated protein kinase (MAPK) signaling cascade. The protein interacts with SMAD specific E3 ubiquitin protein ligase 1 (also known as SMURF1) via a phosphotyrosine binding domain to promote RhoA degradation. The protein is required for normal cytoskeletal structure, cell-cell interactions, and lumen formation in endothelial cells. Mutations in this gene result in cerebral cavernous malformations. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-CCM2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	74733042
NCBI GeneID	83605
UniProt Accession #	Q9BSQ5; Q71RE5; Q8TAT4; A4D2L4; B3KUV0; D3DVL4; E9PDJ3; F5H0E1; F5H551
Molecular Weight	Observed MW: 55kDa Calculated MW: 39kDa/42kDa/48kDa/51kDa
NCBI Official Full Name	Malcavernin
NCBI Official Synonym Full Names	cerebral cavernous malformation 2
NCBI Official Symbol	CCM2
NCBI Official Synonym Symbols	OSM; C7orf22; PP10187
NCBI Protein Information	malcavernin; 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.