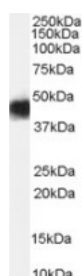




## CCM2 Antibody

CATALOG NUMBER: 45-380



Western Blot (0.03ug/ml) staining of Human Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:128000. Western Blot: Approx 48kDa band observed in Human Heart lysates (calculated MW of 48.8kDa according to NP_113631.1). Recommended concentration: 0.03-0.1ug/ml.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1301 - Human Heart Tissue Lysate
<b>SPECIFICITY:</b>	This antibody is expected to recognize isoform 1 (NP_001025006.1), isoform 2 (NP_113631.1) and isoform 4 (NP_001161407.1).
<b>IMMUNOGEN:</b>	CCM2 antibody was raised against a 13 amino acid synthetic peptide near the internal region of CCM2.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	CCM2 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	CCM2 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	CCM2, cerebral cavernous malformation 2, C7orf22, MGC4067, MGC4607, MGC74868, PP10187, PP10187
<b>ACCESSION NO.:</b>	NP_001025006.1, NP_113631.1
<b>PROTEIN GI NO.:</b>	71067341
<b>OFFICIAL SYMBOL:</b>	CCM2

**GENE ID:** 83605

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## **Background**

**REFERENCES:** 1) Zawistowski JS, Stalheim L, Uhlik MT, Abell AN, Ancrile BB, Johnson GL, Marchuk DA. CCM1 and CCM2 protein interactions in cell signaling: implications for cerebral cavernous malformations pathogenesis. Hum Mol Genet. 2005 Sep 1;14(17):2521-31. Epub 2005 Jul 21.

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**FOR RESEARCH USE ONLY**

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