



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

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	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.
POSITIVE CONTROL:	1) Cat. No. 1301 - Human Heart Tissue Lysate
SPECIFICITY:	This antibody is expected to recognize isoform 1 (NP_001025006.1), isoform 2 (NP_113631.1) and isoform 4 (NP_001161407.1).
IMMUNOGEN:	CCM2 antibody was raised against a 13 amino acid synthetic peptide near the internal region of CCM2.
HOST SPECIES:	Goat

Properties

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

Additional Info

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

GENE ID: 83605

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.

FOR RESEARCH USE ONLY

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