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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07499 - Goat Anti-CCM2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CCM2, cerebral cavernous malformation 2, C7orf22, MGC4067, MGC4607, MGC74868, PP10187

Official Symbol: CCM2

Accession Number(s): NP_001025006.1; NP_113631.1; NP_001161407.1

Human GeneID(s): [83605](#)

Non-Human GeneID(s): 216527 (mouse)

Important Comments: This antibody is expected to recognize isoform 1 (NP_001025006.1), isoform 2 (NP_113631.1) and isoform 4 (NP_001161407.1).

Immunogen

Peptide with sequence C-KGEKSRDKKAHEK, from the internal region of the protein sequence according to NP_001025006.1; NP_113631.1; NP_001161407.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide 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: 0.03-0.1µg/ml.

Primary incubation was 1 hour.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

EB07499 (0.03µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.