ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-CCM2 Antibody

Item Number	dAP-0945
Target Molecule	Principle Name: CCM2; Official Symbol: CCM2; All Names and Symbols: CCM2; cerebral cavernous malformation 2 ; C7orf22; MGC4067; MGC4607; MGC74868; PP10187 ; Accession Number (s): NP_001025006.1; NP_113631.1; NP_001161407.1; Human Gene ID(s): 83605; Non-Human GeneID(s): 216527 (mouse)
Immunogen	KGEKSRDKKAHEK, is from internal region This antibody is expected to recognize isoform 1 (NP_001025006.1), isoform 2 (NP_113631.1) and isoform 4 (NP_001161407.1).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	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.
IHC	
Reference	Reference(s): 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. .PMID: 16037064 [PubMed

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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