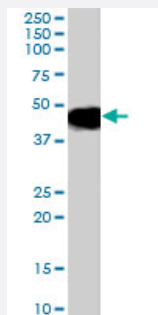


CCM2 polyclonal antibody

Catalog # PAB7146

Size 100 ug

Applications



Western Blot (Tissue lysate)

CCM2 polyclonal antibody (Cat # PAB7146) (0.03 ug/mL) staining of human heart lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of CCM2.
Immunogen	A synthetic peptide corresponding to human CCM2.
Sequence	C-KGEKSRDKKAHEK
Host	Goat
Theoretical MW (kDa)	51.4, 48.8
Reactivity	Human
Specificity	This antibody is expected to recognize both reported isoforms (NP_001025006.1 and NP_113631.1).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	ELISA (1:128000) Western Blot (0.03-0.1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

CCM2 polyclonal antibody (Cat # PAB7146) (0.03 ug/mL) staining of human heart lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CCM2

Entrez GeneID	83605
Protein Accession#	NP_001025006.1;NP_113631.1
Gene Name	CCM2
Gene Alias	C7orf22, MGC4067, MGC4607, MGC74868, PP10187
Gene Description	cerebral cavernous malformation 2
Omim ID	603284 607929
Gene Ontology	Hyperlink
Other Designations	malcavernin

Publication Reference

- [CCM1 and CCM2 protein interactions in cell signaling: implications for cerebral cavernous malformations pathogenesis.](#)

Zawistowski JS, Stalheim L, Uhlik MT, Abell AN, Ancrile BB, Johnson GL, Marchuk DA.

Human Molecular Genetics 2005 Sep; 14(17):2521.

Application: IP, WB-Tr, Human, Mouse, HEK 293T cells, MEFs

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)