

CCM2

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 49kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human CCM2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

OSM; C7orf22; PP10187;

Catalog #: A6544

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 83605

Isotype: IgG

Swiss Prot: Q9BSQ5

Purity: Affinity purification

For research use only.

Background:

This gene encodes a scaffold protein that functions in the stress-activated p38 Mitogen-activated protein kinase (MAPK) signaling cascade. The protein interacts with SMAD specific E3 ubiquitin protein ligase 1 (also known as SMURF1) via a phosphotyrosine binding domain to promote RhoA degradation. The protein is required for normal cytoskeletal structure, cell-cell interactions, and lumen formation in endothelial cells. Mutations in this gene result in cerebral cavernous malformations. Multiple transcript variants encoding different isoforms have been found for this gene.

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