

## Datasheet for ABIN5515477 **anti-CCM2 antibody (N-Term)**

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### Overview

Quantity:	100 µL
Target:	CCM2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCM2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human CCM2
Sequence:	EFHTGYSMEN EPGIVSPFKR VFLKGESRD KKAHEKVTER RPLHTVVLSSL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against CCM2. It was validated on Western Blot.
Purification:	Affinity purified

### Target Details

Target:	CCM2
Alternative Name:	CCM2 ( <a href="#">CCM2 Products</a> )

## Target Details

Background:	<p>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.</p> <p>Alias Symbols: C7orf22, PP10187</p> <p>Protein Interaction Partner: SRPK2, SMURF2, SMURF1, POT1,</p> <p>Protein Size: 465</p>
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Gene ID:	83605
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Pathways:	<a href="#">Cell-Cell Junction Organization</a>
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## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.