Datasheet for ABIN2790813

anti-MICAL2 antibody (C-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	MICAL2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Horse, Rabbit, Dog, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MICAL2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human MICAL2
Sequence:	GKFYCKPHFI HCKTNSKQRK RRAELKQQRE EEATWQEQEA PRRDTPTESS
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 79%, Horse: 79%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against MICAL2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MICAL2

Target Details

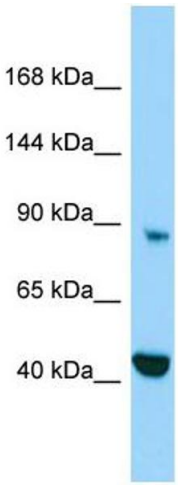
Alternative Name:	MICAL2 (MICAL2 Products)
Background:	Monooxygenase that promotes depolymerization of F-actin by mediating oxidation of specific methionine residues on actin. It acts by modifying actin subunits through the addition of oxygen to form methionine-sulfoxide, leading to promote actin filament severing and prevent repolymerization. Protein Interaction Partner: UBC, Protein Size: 784
Molecular Weight:	86 kDa
Gene ID:	9645

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
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.
Handling Advice:	Avoid repeat freeze-thaw cycles.
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.



Western Blotting

Image 1.

