

MICAL2 Antibody, Biotin conjugated



PACO28241

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA

Recommended dilutions:**Protein Background:**

Nuclear monooxygenase that promotes depolymerization of F-actin by mediating oxidation of specific methionine residues on actin and regulates the SRF signaling. Acts by modifying nuclear actin subunits through the addition of oxygen to form methionine-sulfoxide, leading to promote actin filament severing and prevent repolymerization. Acts as a key regulator of the SRF signaling pathway elicited by nerve growth factor and serum: mediates oxidation and subsequent depolymerization of nuclear actin, leading to increase MKL1/MRTF-A presence in the nucleus and promote SRF: MKL1/MRTF-A-dependent gene transcription. Does not activate SRF: MKL1/MRTF-A through RhoA.

Gene ID:

MICAL2

Uniprot

O94851

Synonyms:

[F-actin]-monooxygenase MICAL2 (EC 1.14.13.225) (Molecule interacting with CasL protein 2) (MICAL-2), MICAL2, KIAA0750 MICAL2PV1 MICAL2PV2

Immunogen:

Recombinant Human [F-actin]-monooxygenase MICAL2 protein (1-495AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

Product Images

N/A

N/A