

Rabbit anti-Human MICAL1 Polyclonal Antibody | anti-MICAL1 antibody

MICAL1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA235469	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

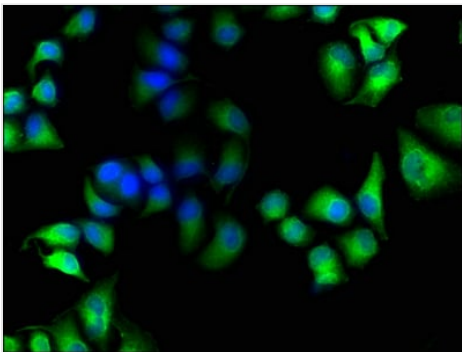
PRODUCT SYNONYMS

MICAL1; Polyclonal Antibody; MICAL1 Antibody; [F-actin]-monooxygenase MICAL1; EC 1.14.13.225; Molecule interacting with CasL protein 1; MICAL-1; NEDD9-interacting protein with calponin homology and LIM domains; MICAL NICAL; anti-MICAL1 antibody

PRODUCT SPECIFICATIONS

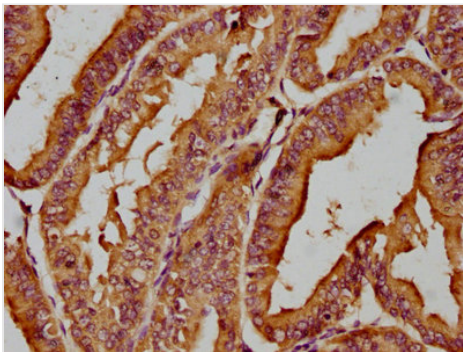
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95% Protein G Purified
Form/Format	Liquid
Sequence Length	981
Applicable Applications for anti-MICAL1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human [F-actin]-methionine sulfoxide oxidase MICAL1 protein (806-1067AA)
Conjugate	Non-Conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



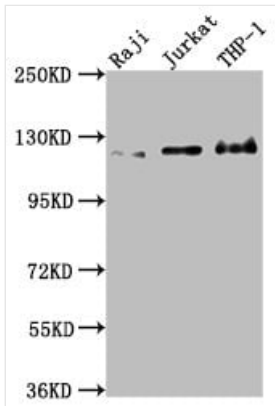
IF (Immunofluorescence)

Immunofluorescence staining of Hela cells with CSB-PA851555LA01HU at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image of CSB-PA851555LA01HU diluted at 1:200 and staining in paraffin-embedded human endometrial cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: Raji whole cell lysate, Jurkat whole cell lysate, THP-1 whole cell lysateAll lanes: MICAL1 antibody at 1:2000SecondaryGoat polyclonal to rabbit IgG at 1/50000Predicted band size: 118, 109, 38, 120 kDaObserved band size: 120 kDa

ADDITIONAL INFORMATION

Product Categories/Family for anti-MICAL1 antibody	Tags & Cell Markers
--	---------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	226530313
NCBI GeneID	64780
NCBI Accession #	NP_001152763.1
NCBI GenBank Nucleotide #	NM_001159291.1
UniProt Accession #	Q8TDZ2; Q7Z633; Q8IVS9; Q96G47; Q9H6X6; Q9H7I0; Q9HAA1; Q9UFF7; B7Z3R5; E1P5F0
Molecular Weight	108,552 Da
NCBI Official Full Name	[F-actin]-monooxygenase MICAL1 isoform 2
NCBI Official Synonym Full Names	microtubule associated monooxygenase, calponin and LIM domain containing 1
NCBI Official Symbol	MICAL1

NCBI Official Synonym Symbols	MICAL; NICAL; MICAL-1
NCBI Protein Information	[F-actin]-monooxygenase MICAL1
UniProt Protein Name	[F-actin]-monooxygenase MICAL1
UniProt Gene Name	MICAL1
UniProt Synonym Gene Names	MICAL; NICAL; MICAL-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/mical1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/235469>