

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MICAL2



Numéro de catalogue: 13965-1-AP

Phare

10 Publications

Informations de base

Numéro de catalogue:

13965-1-AP

Taille:

150ul, Concentration: 700 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG4950

Numéro d'acquisition GenBank:

BC044577

Identification du gène (NCBI):

9645

Nom complet:

microtubule associated monooxygenase, calponin and LIM domain containing 2

MW calculé

127 kDa

MW observés:

95 kDa, 112 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:10000

IHC 1:50-1:500

IF 1:200-1:800

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

CoIP, IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules DU 145, cellules MG U-87, cellules PC-3, cellules U-251

IHC : tissu de cancer de l'estomac humain, tissu de cancer de la prostate humain

IF : cellules HepG2,

Informations générales

MICALs (Molecules Interacting with CasL) are atypical multidomain flavoenzymes with diverse cellular functions. There are three known isoforms, MICAL1, MICAL2, and MICAL3, as well as the MICAL-like proteins MICAL-L1 and MICAL-L2. MICAL2 has three conserved domains: an N-terminal flavin adenine dinucleotide (FAD) binding domain, a calponin homology (CH) domain, and a Lin11, Isl-1, and Mec-3 (LIM) domain. It has been demonstrated that MICAL2 could regulate actin stress fibers and is required for normal actin organization. In addition, MICAL2-PV, a novel splicing variant of MICAL2, has been reported to be involved in cancer progression of prostate cancer. This antibody can recognize both MICAL2 and MICAL2-PV. This antibody recognizes various isoforms of MICAL2 around 90-95 kDa or 109-112 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Jingxia Han	36271377	J Nanobiotechnology	WB,IHC
Chenxiang Qi	34650666	Oxid Med Cell Longev	WB
Ze Zhang	34750518	Oncogene	WB,CoIP,IHC,IF

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

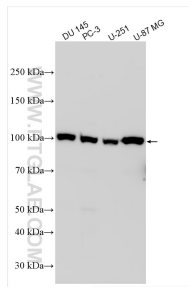
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

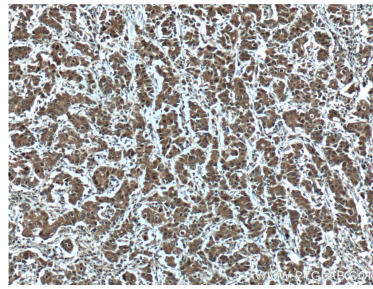
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

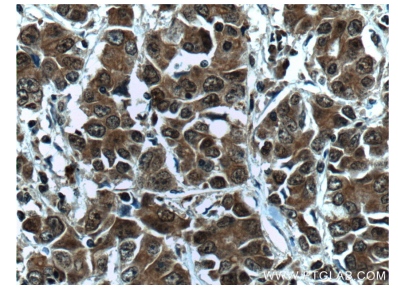
Données de validation sélectionnées



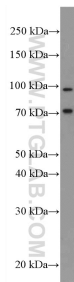
Various lysates were subjected to SDS PAGE followed by western blot with 13965-1-AP (MICAL2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



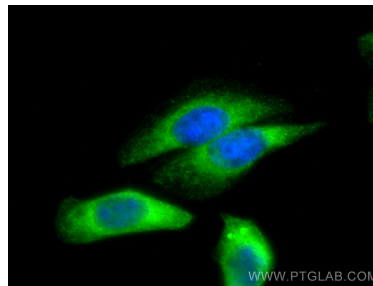
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 13965-1-AP (MICAL2 Antibody) at dilution of 1:50 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 13965-1-AP (MICAL2 Antibody) at dilution of 1:50 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



PC-3 cells were subjected to SDS PAGE followed by western blot with 13965-1-AP (MICAL2 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using MICAL2 antibody (13965-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).