

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MKNK2



Numéro de catalogue: 17354-1-AP

Phare

3 Publications

Informations de base

Numéro de catalogue:
17354-1-AP

Taille:
150ul, Concentration: 300 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG10546

Numéro d'acquisition GenBank:
BC018345

Identification du gène (NCBI):
2872

Nom complet:
MAP kinase interacting serine/threonine kinase 2

MW calculé:
465 aa, 52 kDa

MW observés:
47 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:200-1:1000
IHC 1:100-1:400
IF 1:10-1:100

Applications

Applications testées:
IF, IHC, WB, ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain

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

Contrôles positifs:

WB : tissu splénique de souris, cellules MCF-7

IHC : tissu de cancer du sein humain,

IF : cellules MCF-7,

Informations générales

MKNK2 (MAP kinase-interacting serine/threonine-protein kinase 2) is also named as GPRK7, MNK2 and belongs to the CAMK Ser/Thr protein kinase family. It has a conserved C-terminal Erk-interacting domain, a catalytic domain with homology to the calcium/calmodulin-dependent family of kinases, and putative MAP kinase phosphorylation sites located within the T loop of the kinase domain (PMID:9155017). The breast cancer cells express either an uncharacterized form of MNK2 or a cross-reacting MNK2-like protein with the band of 72-75 kDa by western blot (PMID:17130135). MKNK2 has 2 isoforms with the molecular mass of 52 kDa and 47 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Milagros Suarez	34012509	Oncotarget	WB
Osamu Ichiyanagi	31258849	Oncotarget	WB
Zhiling Luo	31971563	Clin Sci (Lond)	

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.

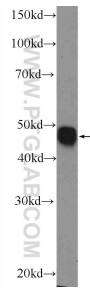
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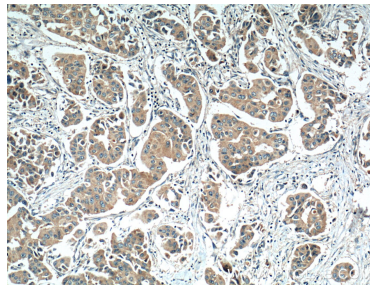
E: proteintech@ptglab.com
W: ptglab.com

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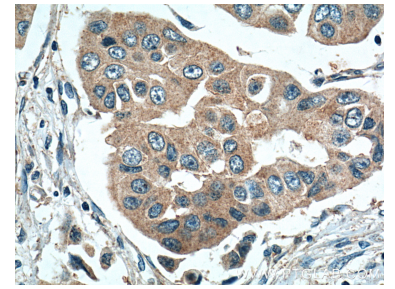
Données de validation sélectionnées



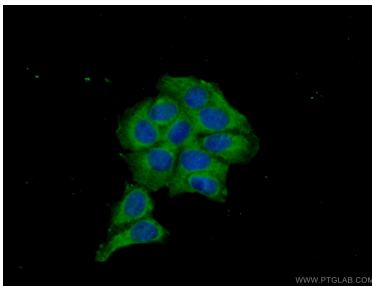
mouse spleen tissue were subjected to SDS PAGE followed by western blot with 17354-1-AP (MKNK2 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 17354-1-AP (MKNK2 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 17354-1-AP (MKNK2 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using 17354-1-AP (MKNK2 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).