À des fins de recherche uniquement

Anticorps Monoclonal anti-RABEPK/p40

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:66622-1-Ig 1 Publications

Informations de base

Numéro de catalogue:
66622-1-Ig

Taille:
150ul , Concentration: 1400 μg/ml by Nanodrop and 1000 μg/ml by Bradford method using BSA as the standard;

Hôte:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG7796

Numéro d'acquisition GenBank:
BC065725

Identification du gène (NCBI):
10244

Nom complet:
Rab9 effector protein with kelch motifs

MW calculé
41 kDa

MW observés:
40 kDa

Méthode de purification:
Purification par protéine A

CloneNo.:
1E11A3

Dilutions recommandées:
WB 1:1000-1:6000
IHC 1:500-1:2000
IF 1:50-1:500

Applications

Applications testées:
IF, IHC, WB,ELISA

Demandes citées:
IHC

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 : cellules Jurkat, cellules HEK-293, cellules HeLa, cellules HSCT6, cellules RAW 264.7

IHC : tissu de cancer du poumon humain, tissu de côlon humain

IF : cellules A549,

Informations générales

Rab9 GTPase is required for the transport of mannose 6-phosphate receptors from endosomes to the trans-Golgi network in living cells, and in an in vitro system that reconstitutes this process. P40 is an effector of Rab9 that interacts preferentially with the active form of Rab9. p40 does not interact with Rab7 or K-Ras; it also fails to bind Rab9 when it is bound to GDI. The protein is found in cytosol, yet a significant fraction (~30%) is associated with cellular membranes. P40 is a very potent transport factor in that the pure, recombinant protein can stimulate, significantly, an in vitro transport assay that measures transport of mannose 6-phosphate receptors from endosomes to the trans-Golgi network.

Publications notables

Autrice	Pubmed ID	Journal	Application
Jun Fu	35949347	Exp Ther Med	IHC

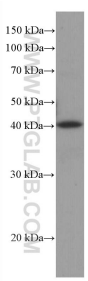
Stockage

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

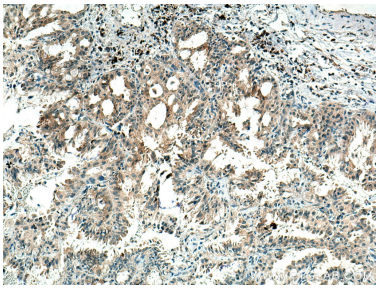
*** Les 20ul contiennent 0,1% de BSA.

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

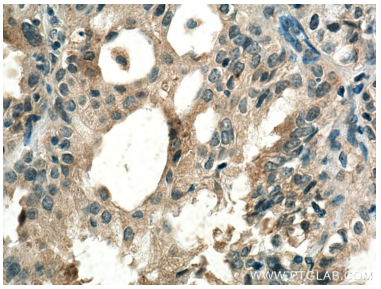
Données de validation sélectionnées



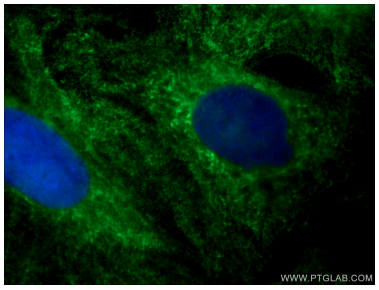
Jurkat cells were subjected to SDS PAGE followed by western blot with 66622-1-Ig (RABEPK/p40 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66622-1-Ig (RABEPK/p40 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66622-1-Ig (RABEPK/p40 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using 66622-1-Ig (RABEPK/p40 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).