À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-EPS8

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:12455-1-AP Phare 2 Publications

Informations de base

Numéro de catalogue:
12455-1-AP

Taille:
150ul , Concentration: 800 μg/ml by Nanodrop and 487 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG3121

Numéro d'acquisition GenBank:
BC030010

Identification du gène (NCBI):
2059

Nom complet:
epidermal growth factor receptor pathway substrate 8

MW calculé
822 aa, 92 kDa

MW observés:
97 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:50-1:500
IF 1:10-1:100

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
IHC, WB

Spécificité de l'espèce:
Humain

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 HEK-293T, cellules HeLa

IP : cellules HeLa,

IHC : tissu de cancer du sein humain,

IF : cellules A375,

Informations générales

Epidermal growth factor receptor Pathway Substrate 8 (EPS8) is a crucial regulator of the actin cytoskeleton dynamics accompanying cell motility and invasion. This protein contains one PH domain and one SH3 domain leading to its binding activity with multiple cellular targets. EPS8 can function as a unique actin capping protein specifically required for dendritic cell migration and plays roles in the regulation of axonal filopodia in neuronal development and synapse formation. The EPS8 gene may contribute to the development of a subset of colorectal cancers and could have applications in diagnosis and treatment.

Publications notables

Autrice	Pubmed ID	Journal	Application
Mingzhu Tan	34391775	Exp Cell Res	IHC,WB
Jieyun Zhang	32147678	Acta Biochim Biophys Sin (Shanghai)	WB

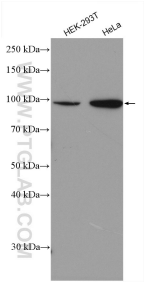
Stockage

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

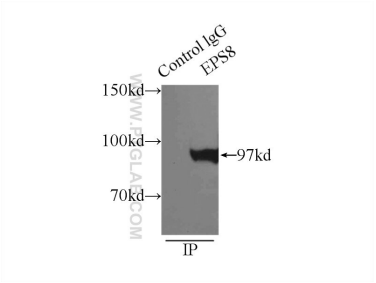
*** Les 20ul contiennent 0,1% de BSA.

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

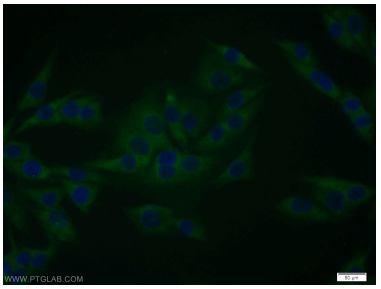
Données de validation sélectionnées



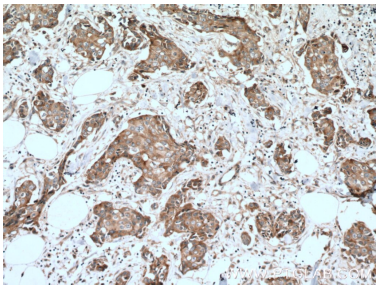
Various lysates were subjected to SDS PAGE followed by western blot with 12455-1-AP (EPS8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



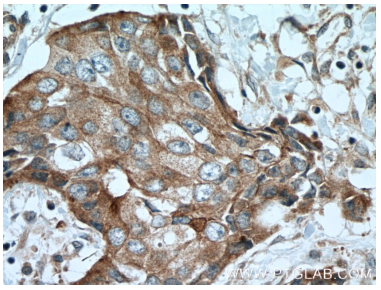
IP Result of anti-EPS8 (IP:12455-1-AP, 3ug; Detection:12455-1-AP 1:500) with HeLa cells lysate 3800ug.



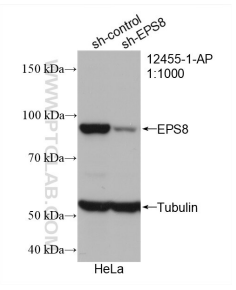
Immunofluorescent analysis of A375 cells using 12455-1-AP (EPS8 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 12455-1-AP (EPS8 antibody) at dilution of 1:100 (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 12455-1-AP (EPS8 antibody) at dilution of 1:100 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of EPS8 antibody (12455-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EPS8 transfected HeLa cells.