À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-DOCK4

Numéro de catalogue:21861-1-AP 3 Publications

Informations de base

Numéro de catalogue:
21861-1-AP

Taille:
150ul , Concentration: 550 μg/ml by Nanodrop and 340 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG16516

Numéro d'acquisition GenBank:
BC117689

Identification du gène (NCBI):
9732

Nom complet:
dedicator of cytokinesis 4

MW calculé
2011 aa, 230 kDa

MW observés:
225 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:150-1:600
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:50-1:500
IF 1:50-1:500

Applications

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

Demandes citées:
IF, 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-293, cellules HEK-293T

IP : cellules HeLa, cellules HEK-293T

IHC : tissu de tumeur ovarienne humain, tissu de cancer de la prostate humain, tissu de cancer du sein humain, tissu de muscle squelettique humain

IF : cellules HeLa,

Informations générales

DOCK4, originally identified as a product of a gene which is deleted during tumor progression, is a member of DOCK180 family proteins. Dock4 has been found recently to be associated with several neuropsychiatric diseases, including autism, dyslexia, and schizophrenia. Multiple studies in fibroblasts then confirmed that Dock4 is capable of controlling cell migration by transducing several upstream signals, such as Wnt, platelet-derived growth factor, and RhoG, toward activation of Rac1. Mutations in this gene have been associated with ovarian, prostate, glioma, and colorectal cancers.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yu Mei	34804930	Front Oncol	WB
Leah McNally	32576693	Proc Natl Acad Sci U S A	WB,IF
Suwei Zhu	33968925	Front Cell Dev Biol	WB, IHC

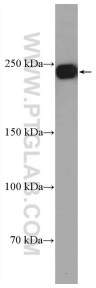
Stockage

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

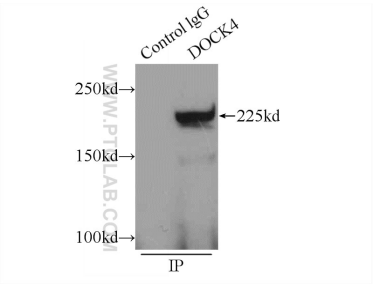
***** Les 20ul contiennent 0,1% de BSA.**

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

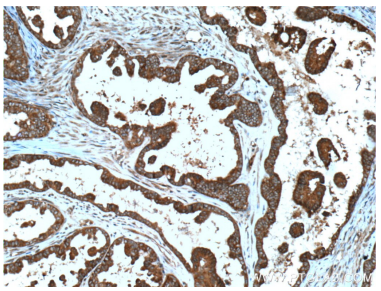
Données de validation sélectionnées



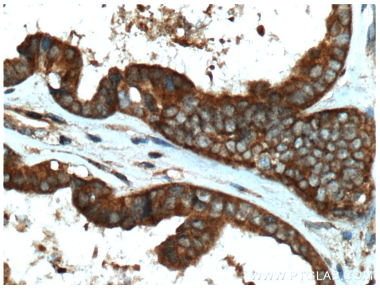
HEK-293 cells were subjected to SDS PAGE followed by western blot with 21861-1-AP (DOCK4 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



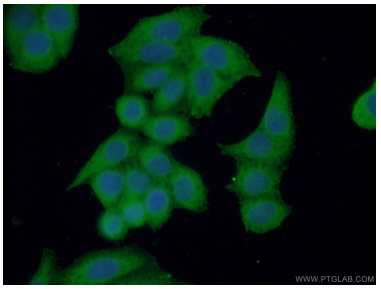
IP Result of anti-DOCK4 (IP:21861-1-AP, 5ug; Detection:21861-1-AP 1:500) with HeLa cells lysate 1800ug.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 21861-1-AP (DOCK4 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 ovary tumor tissue slide using 21861-1-AP (DOCK4 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 HeLa cells using 21861-1-AP (DOCK4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).