Nur für Forschungszwecke

DOCK4 Polyklonaler Antikörper

Katalog-Nr.:21861-1-AP 3 Publikationen

proteintech®
Antibodies | ELISA kits | Proteins
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Allgemeine Informationen

Katalog-Nr.:
21861-1-AP

Größe:
150ul , Konzentration: 550 μg/ml von Nanodrop und 340 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG16516

GenBank-Zugangsnummer:
BC117689

GeneID (NCBI):
9732

Vollständiger Name:
dedicator of cytokinesis 4

Berechneté Masse:
2011 aa, 230 kDa

Beobachteté Masse:
225 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:150-1:600
IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB
IHC 1:50-1:500
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:
IF, IHC, IP, WB,ELISA

In Publikationen genannte Anwendungen:
IF, IHC, WB

Getestete Reaktivität:
Human

Zitierte Arten:
Human

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HEK-293-Zellen, HEK-293T-Zellen

IP : HeLa-Zellen, HEK-293T-Zellen

IHC : humanes Ovarialkarzinomgewebe, humanes Mammakarzinomgewebe, humanes Prostatakarzinomgewebe, humanes Skelettmuskelgewebe

IF : HeLa-Zellen,

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
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

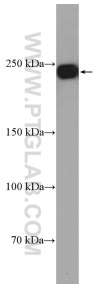
Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

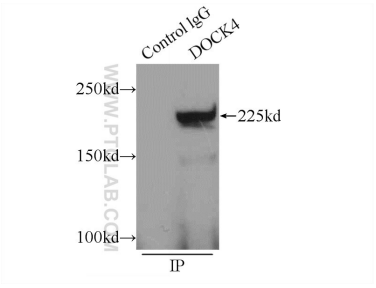
*** 20ul-Größen enthalten 0.1% BSA

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

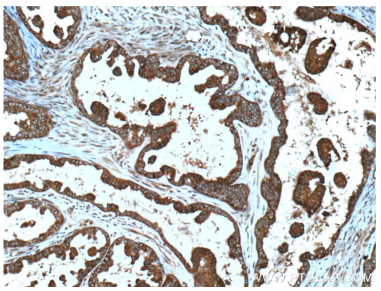
Ausgewählte Validierungsdaten



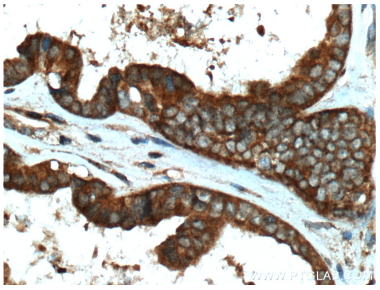
HEK-293 cells were subjected to SDS PAGE followed by western blot with 21861-1-AP (DOCK4 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



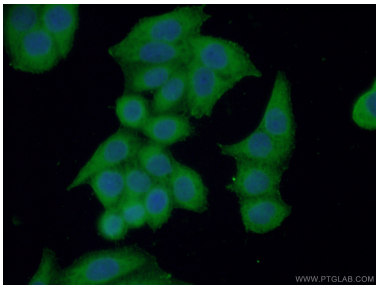
IP Result of anti-DOCK4 (IP:21861-1-AP, 5ug; Detection:21861-1-AP 1:500) with HeLa cells lysate 1800ug.



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).