

For Research Use Only

DOCK5 Polyclonal antibody

Catalog Number: 29938-1-AP

Featured Product



Basic Information

Catalog Number: 29938-1-AP	GenBank Accession Number: BC137175	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 µg/ml by Nanodrop;	GeneID (NCBI): 80005	Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IF 1:50-1:500
Source: Rabbit	Full Name: dedicator of cytokinesis 5	
Isotype: IgG	Calculated MW: 1870 aa, 215 kDa	
Immunogen Catalog Number: AG32193	Observed MW: 190 kDa	

Applications

Tested Applications:
IF, IP, WB, ELISA

Species Specificity:
Human, mouse, rat

Positive Controls:

WB: LNCaP cells, Jurkat cells, A549 cells, DU 145 cells, NIH3T3 cells, rat brain tissue, NIH/3T3 cells, mouse brain tissue

IP: DU 145 cells,

IF: U2OS cells,

Background Information

DOCK5 is a member of the dedicator of cytokinesis protein family. Members of this family act as guanine nucleotide exchange factors for small Rho family G proteins. DOCK5 is thought to associate with adaptors CRK and CRKL, and function in regulation of intestinal epithelial cell spreading and migration on collagen IV.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

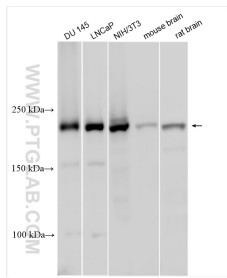
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

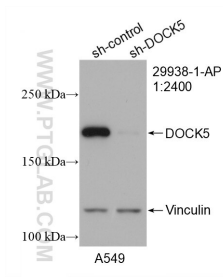
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

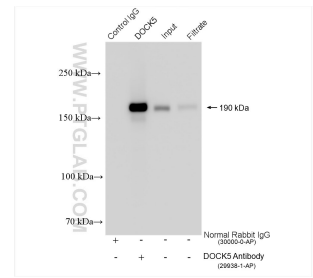
Selected Validation Data



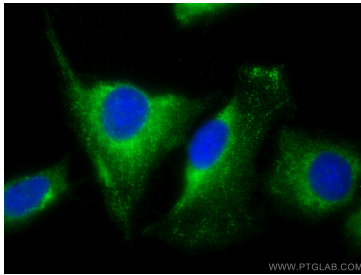
Various lysates were subjected to SDS PAGE followed by western blot with 29938-1-AP (DOCK5 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



WB result of DOCK5 antibody (29938-1-AP; 1:2400; incubated at room temperature for 1.5 hours) with sh-Control and sh-DOCK5 transfected A549 cells.



IP result of anti-DOCK5(IP:29938-1-AP, 4ug; Detection:29938-1-AP 1:2000) with DU 145 cells lysate 1280 ug.



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using DOCK5 antibody (29938-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).