

For Research Use Only

DOCK7 Polyclonal antibody

Catalog Number: 13000-1-AP **4 Publications**



Basic Information

Catalog Number: 13000-1-AP	GenBank Accession Number: BC016392	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 85440	Recommended Dilutions: WB 1:5000-1:50000 IP 0.5-4.0 ug for IP and 1:5000-1:50000 for WB
Source: Rabbit	Full Name: dedicator of cytokinesis 7	IF 1:50-1:500
Isotype: IgG	Calculated MW: 2109 aa, 239 kDa	
Immunogen Catalog Number: AG3671	Observed MW: 238-243 kDa	

Applications

Tested Applications: IF, IP, WB, ELISA	Positive Controls:
Cited Applications: CoIP, IF, IP, WB	WB : HEK-293T cells, mouse brain tissue, human brain tissue, mouse ovary tissue, Jurkat cells, HeLa cells, HepG2 cells, K-562 cells, rat brain tissue
Species Specificity: human, mouse, rat	IP : HeLa cells,
Cited Species: human, mouse	IF : HeLa cells,

Background Information

DOCK 7 (dedicator of cytokinesis 7), also known as ZIR2, is a member of the DOCK180-related protein superfamily. Expressed mainly in neuronal cells, DOCK 7 is a guanine nucleotide exchange factor (GEF) for small GTPases, Rac1 and Cdc42, which are the major regulators of actin cytoskeleton. Multiple isoforms of DOCK 7 exist due to alternative splicing events. The DOCK 7 antibody (13000-1-AP) can recognize all the isoforms.

Notable Publications

Author	Pubmed ID	Journal	Application
P V Ryder	23676666	Mol Biol Cell	WB
Gao Guo	35915159	Nat Cell Biol	WB
Rong Xue	37778248	Phytomedicine	WB

Storage

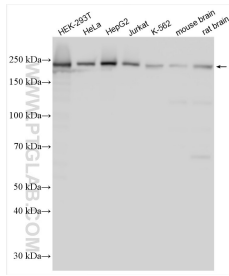
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

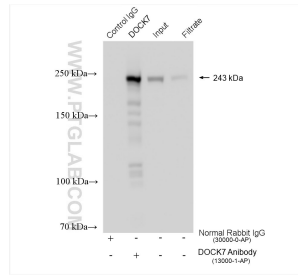
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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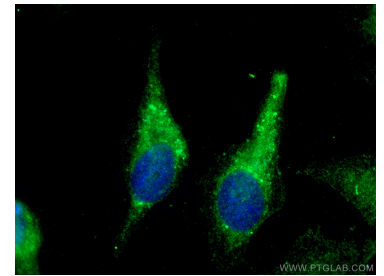
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13000-1-AP (DOCK7 antibody) at dilution of 1:12000 incubated at room temperature for 1.5 hours.



IP result of anti-DOCK7(IP:13000-1-AP, 4ug; Detection:13000-1-AP 1:10000) with HeLa cells lysate 1280 ug.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using DOCK7 antibody (13000-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).