For Research Use Only

DOCK7 Monoclonal antibody

Catalog Number:67842-1-Ig

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Basic Information

Catalog Number:
67842-1-Ig

Size:
500 μg/ml

Source:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG28417

GenBank Accession Number:
BC016392

GeneID (NCBI):
85440

UNIPROT ID:
Q96N67

Full Name:
dedicator of cytokinesis 7

Calculated MW:
2109 aa, 239 kDa

Observed MW:
243 kDa

Purification Method:
Protein A purification

CloneNo.:
1A4A6

Recommended Dilutions:
WB 1:5000-1:50000

Applications

Tested Applications:
WB,ELISA

Species Specificity:
Human, mouse, rat

Positive Controls:

WB : HepG2 cells, PC-12 cells, LNCaP cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, NIH/3T3 cells, NIH3T3 cells, 4T1 cells

Background Information

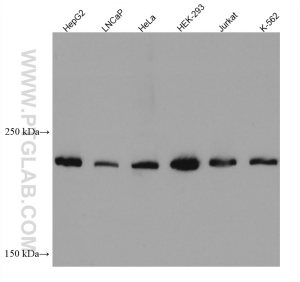
DOCK 7 (dedicator of cytokinesis 7), also known as ZIR2, is a member of the DOCK180-related protein superfamily. Expressed mainly in neuronal cells, DOCK 7 is a guanine nucleotide exchange factor (GEF) for small GTPases, Rac1 and Cdc42, which are the major regulators of actin cytoskeleton. Multiple isoforms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

Storage

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

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67842-1-Ig (DOCK7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.