

For Research Use Only

DOCK7 Monoclonal antibody

Catalog Number: 67842-1-Ig



Basic Information

Catalog Number:

67842-1-Ig

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

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

*** 20ul sizes contain 0.1% BSA

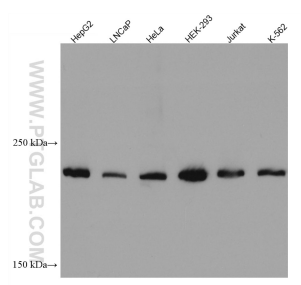
For technical support and original validation data for this product please contact:

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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.