

DOCK7 Polyclonal Antibody

Catalog number: 13000-1-AP

Size: 20 µg/150 µl

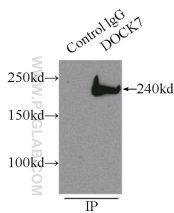
Source: Rabbit

Isotype: IgG

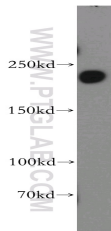
Synonyms:

DOCK7; dedicator of cytokinesis 7, DOCK7,

KIAA1771, ZIR2



IP Result of anti-DOCK7 (IP:13000-1-AP, 3µg; Detection:13000-1-AP 1:500) with mouse brain tissue lysate 8000µg.



human brain tissue were subjected to SDS PAGE followed by western blot with 13000-1-AP(DOCK7 antibody) at dilution of 1:300

Background

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.

Applications

Tested applications:	ELISA, WB, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated DOCK7 MW:	2109aa, 239kd
Observed DOCK7 MW:	238-243 kDa
Positive WB detected in	Human brain tissue, mouse brain tissue, mouse ovary tissue
Positive IP detected in	Mouse brain tissue
Recommended dilution:	WB: 1:150 - 1:600 IP: 1:250 - 1:1000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3671
GenBank accession number:	BC016392
Gene ID (NCBI):	85440
Full name:	Dedicator of cytokinesis 7

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.