

For Research Use Only

RADIL Polyclonal antibody, PBS Only

Catalog Number: 20284-1-PBS

Featured Product



Basic Information

Catalog Number:

20284-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13996

GenBank Accession Number:

BC004919

GeneID (NCBI):

55698

UNIPROT ID:

Q96JH8

Full Name:

Ras association and DIL domains

Calculated MW:

1075 aa, 117 kDa

Observed MW:

117 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse

Background Information

Radil is a broadly expressed adapter protein that contains a RA-like domain, a PDZ domain and a DIL domain. Like RAPL and RIAM, Radil interacts preferentially with active GTP-bound Rap1, and overexpression of Radil enhances integrin-mediated adhesion. In addition, Radil knockdown inhibits cell-substrate adhesion in HT1080, AD293, and NMuMG cells and results in migration defects in SW1353 and zebrafish neural crest cells (PMID: 17704304). Radil regulates neutrophil adhesion by specifically enhancing β 2-integrin activation, as well as focal adhesion kinase (FAK) and paxillin phosphorylation (PMID: 23097489).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

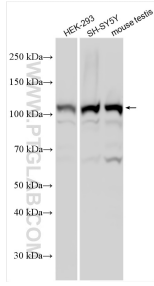
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

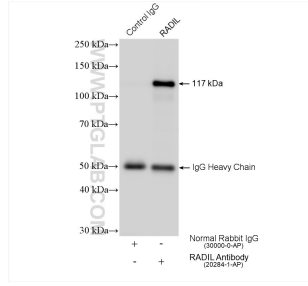
E: proteintech@ptglab.com
W: ptglab.com

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 20284-1-AP (RADIL antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 20284-1-PBS in a different storage buffer formulation.



IP result of anti-RADIL (IP:20284-1-AP, 4ug; Detection:20284-1-AP 1:1000) with HEK-293 cells lysate 1400 ug. This data was developed using the same antibody clone with 20284-1-PBS in a different storage buffer formulation.