

For Research Use Only

Phospho-p130Cas / BCAR1 (Tyr410) Polyclonal antibody



Catalog Number: 30887-1-AP

Basic Information

Catalog Number:

30887-1-AP

Size:

260 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC062556

GeneID (NCBI):

9564

UNIPROT ID:

P56945

Full Name:

breast cancer anti-estrogen resistance
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Calculated MW:

870 aa, 93 kDa

Observed MW:

130 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : pervanadate treated HeLa cells,

Background Information

p130Cas, encoded by the breast cancer anti-estrogen resistance 1 (BCAR1) gene, is a scaffold protein that integrates large multi-protein complexes in response to stimuli such as hormones, growth factors, and integrin engagement. Upon environmental signals, Src family members and focal adhesion kinase (FAK) phosphorylate the p130Cas substrate domain (SD). This active p130Cas can recruit adaptor proteins such as Crk and Nck to its phosphorylated SD. (PMID: 34830244)

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

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

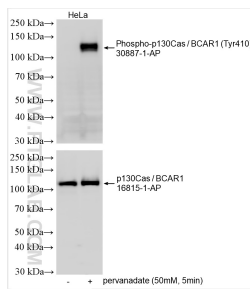
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Selected Validation Data



Non-treated and pervanadate treated HeLa cells were subjected to SDS PAGE followed by western blot with 30887-1-AP (Phospho-p130Cas / BCAR1 (Tyr410) antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with p130Cas / BCAR1 antibody (16815-1-AP) subsequently.