

For Research Use Only

# Phospho-p130Cas / BCAR1 (Tyr410) Polyclonal antibody



Catalog Number: 30887-1-AP

## Basic Information

<b>Catalog Number:</b> 30887-1-AP	<b>GenBank Accession Number:</b> BC062556	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 260 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9564	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>Full Name:</b> breast cancer anti-estrogen resistance 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 870 aa, 93 kDa	
	<b>Observed MW:</b> 130 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : pervanadate treated HeLa cells,
<b>Species Specificity:</b> Human	

## 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

\*\*\* 20ul sizes contain 0.1% BSA

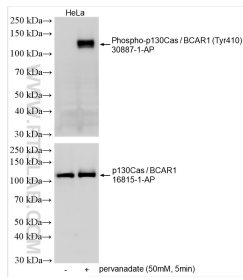
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## Selected Validation Data



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.