

## BCAR3 Ab

[Images\(2\)](#)

Cat.#: AF0554  
Size:

Concn.: ~1mg/ml  
Source: Rabbit

Mol.Wt.: 92kDa  
Clonality: Polyclonal

Application:

WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500

\*The optimal dilutions should be determined by the end user.

Reactivity:

Human,Rat

Storage:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:

The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen:

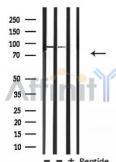
A synthesized peptide derived from human BCAR3, corresponding to a region within C-terminal amino acids.

Uniprot:

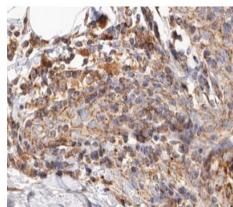
O75815

Description:

a ubiquitously expressed regulator of R-Ras activity that has been implicated in breast cancer. A GDP exchange factor whose overexpression confers antiestrogen resistance, activates Rac, PAK1, and the cyclin D1. Can accelerate the degradation of IRS-1, thus regulating signaling through the insulin receptor. When overexpressed, it confers anti-estrogen resistance in breast cancer cell lines. May also be regulated by cellular adhesion to extracellular matrix proteins. Up-regulated by interleukin-1-alpha and TNF-beta in thymus cortical reticular cell lines (mouse). Two alternatively spliced human isoforms have been described.



Western blot analysis of extracts from HepG2, rat heart, using BCAR3 Ab.



AF0554 at 1/100 staining human Breast cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary Ab.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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