



BCAR3 Antibody

#24169

Catalog Number: 24169-1, 24169-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : O75815

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized peptide derived from Human BCAR3

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity: BCAR3 antibody detects endogenous levels of total BCAR3 protein

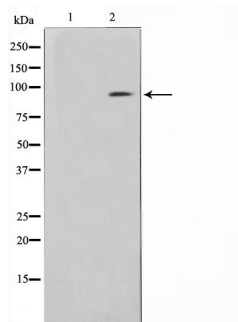
Reactivity: Human

Applications:

Predicted MW: 92kd

WB:1:500~1:2000

IHC:1:50-200



Western blot analysis on HeLa cell lysate using BCAR3 Antibody

Background :

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.