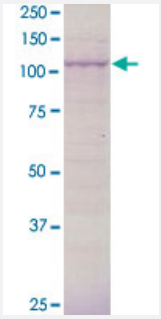
BCAR3 polyclonal antibody

Catalog # PAB6029 Size 100 ug

Applications



Western Blot (Cell lysate)

BCAR3 polyclonal antibody (Cat # PAB6029, 0.5 ug/mL) staining of mouse embryonic kidney epithelial cells lysate (15 ug protein in RIPA buffer) . Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of BCAR3.
Immunogen	A synthetic peptide corresponding to human BCAR3.
Sequence	C-RKLEPPPVKQAEL
Host	Goat
Theoretical MW (kDa)	92.5
Reactivity	Mouse
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — BCAR3

Entrez GeneID	8412
Protein Accession#	NP_003558
Gene Name	BCAR3
Gene Alias	KIAA0554, NSP2, SH2D3B
Gene Description	breast cancer anti-estrogen resistance 3
Omim ID	604704
Gene Ontology	Hyperlink
Gene Summary	Breast tumors are initially dependent on estrogens for growth and progression and can be inhibite d by anti-estrogens such as tamoxifen. However, breast cancers progress to become anti-estrog en resistant. Breast cancer anti-estrogen resistance gene 3 was identified in the search for genes involved in the development of estrogen resistance. The gene encodes a component of intracellul ar signal transduction that causes estrogen-independent proliferation in human breast cancer cell s. The protein contains a putative src homology 2 (SH2) domain, a hall mark of cellular tyrosine ki nase signaling molecules, and is partly homologous to the cell division cycle protein CDC48. [pro vided by RefSeq
Other Designations	OTTHUMP00000011959|OTTHUMP00000011960|OTTHUMP00000011961|breast cancer antie strogen resistance 3|dJ1033H22.2 (breast cancer anti-estrogen resistance 3)

Publication Reference

- Identification of BCAR3 by a random search for genes involved in antiestrogen resistance of human breast cancer cells.

  van Agthoven T, van Agthoven TL, Dekker A, van der Spek PJ, Vreede L, Dorssers LC.

  The EMBO Journal 1998 May; 17(10):2799.

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema