Datasheet for ABIN6991737

anti-BCAR3 antibody (N-Term)

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Overview

Quantity:	0.1 mg
Target:	BCAR3
Binding Specificity:	AA 30-80, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCAR3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	BCAR3 antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of human BCAR3. The immunogen is located within amino acids 30 - 80 of BCAR3.
Isotype:	IgG
Specificity:	At least four isoforms of BCAR3 are known to exist, this antibody will only recognize the largest isoform. BCAR3 antibody is predicted to not cross-react with other BCAR proteins.
Purification:	BCAR3 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	BCAR3
Alternative Name:	BCAR3 (BCAR3 Products)

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Target Details

Background:	BCAR3 Antibody: Breast cancer anti-estrogen resistance 3 (BCAR3) was identified in the search for genes involved in the development of estrogen resistance. It contains a putative src homology 2 (SH2) domain and is partly homologous to the cell division cycle protein CDC48. BCAR3 is a binding partner with Cas, an adapter molecule that plays a role in cell proliferation, survival, cell adhesion, and mobility. BCAR3 functions synergistically with Cas to enhance Src activation and promote cell migration, and has been suggested to regulate Cas/Src association, Src kinase activity, and breast cancer adhesion signaling.
Molecular Weight:	91 kDa
Gene ID:	8412
NCBI Accession:	NP_003558
UniProt:	O75815

Application Details

Application Notes:	BCAR3 antibody can be used for detection of BCAR3 by Western blot at 1 - 2 µ,g/mL. For immunofluorescence start at 20 µ,g/mL. Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	BCAR3 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,4 °C
Storage Comment:	BCAR3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

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