

Rabbit BCAR3 Polyclonal Antibody | anti-BCAR3 antibody

BCAR3 Antibody

CATALOG # AAA39675	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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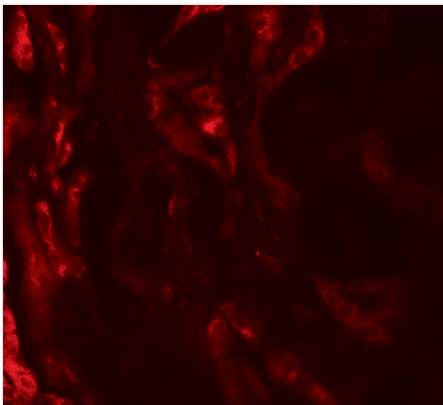
PRODUCT SYNONYMS

BCAR3; Polyclonal Antibody; BCAR3 Antibody; NSP2; SH2D3B; UNQ271/PRO308; Breast cancer anti-estrogen resistance protein 3; Novel SH2-containing protein 2; breast cancer anti-estrogen resistance protein 3; anti-BCAR3 antibody

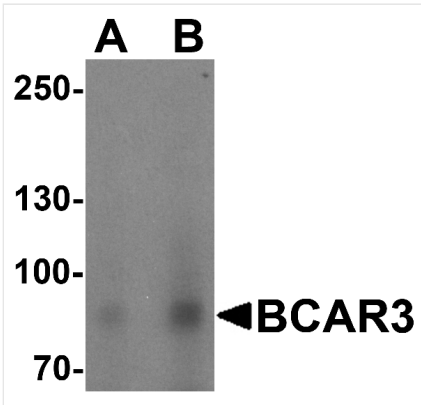
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
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.
Purity/Purification	BCAR3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	825
Applicable Applications for anti-BCAR3 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	BCAR3 antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of human BCAR3.
Buffer	BCAR3 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	BCAR3 antibody can be stored at 4 degree C for three months and -20 degree 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.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of BCAR3 in human kidney tissue with BCAR3 antibody at 20 μ g/mL.



WB (Western Blot)
Western blot analysis of BCAR3 in HeLa cell lysate with BCAR3 antibody at (A) 1 and (B) 2 μ g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-BCAR3 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502371
NCBI GeneID	8412
NCBI Accession #	NP_003558
NCBI GenBank Nucleotide #	NM_003567.3
UniProt Accession #	O75815; Q5TEW3; Q6UW40; Q9BR50; D3DT43
Molecular Weight	91 kDa
NCBI Official Full Name	breast cancer anti-estrogen resistance protein 3 isoform 1
NCBI Official Synonym Full Names	breast cancer anti-estrogen resistance 3
NCBI Official Symbol	BCAR3
NCBI Official Synonym Symbols	NSP2; SH2D3B
NCBI Protein Information	breast cancer anti-estrogen resistance protein 3; novel SH2-containing protein 2; SH2 domain-containing protein 3B; breast cancer antiestrogen resistance 3 protein; dJ1033H22.2 (breast cancer anti-estrogen resistance 3)
UniProt Protein Name	Breast cancer anti-estrogen resistance protein 3
UniProt Gene Name	BCAR3
UniProt Synonym Gene Names	NSP2; SH2D3B
UniProt Entry Name	BCAR3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

