Rabbit BCAR3 Polyclonal Antibody | anti-BCAR3 antibody

Rabbit anti-BCAR3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA221045	**Rabbit**	**Human, Bovine**	**Immunofluorescence, Immunohistochemistry, Western Blot**

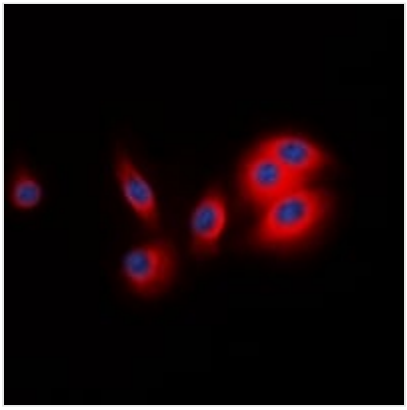
PRODUCT SYNONYMS

BCAR3; Polyclonal Antibody; Rabbit anti-BCAR3 Antibody; NSP2; SH2D3B; Breast cancer anti-estrogen resistance protein 3; Novel SH2-containing protein 2; SH2 domain-containing protein 3B; anti-BCAR3 antibody

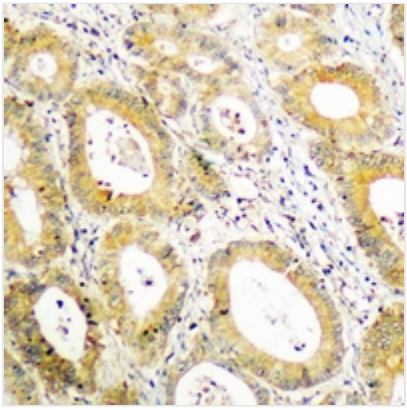
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Bovine
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-BCAR3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human BCAR3. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

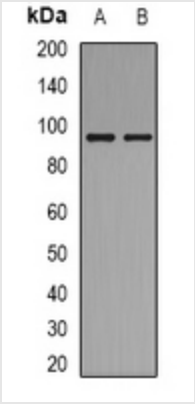
IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of BCAR3 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohiostchemistry)
Immunohistochemical analysis of BCAR3 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of BCAR3 expression in HuvEc (A), Jurkat (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-BCAR3 antibody	Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	387157906
NCBI GeneID	8412
NCBI Accession #	NP_001248337.1
NCBI GenBank Nucleotide #	NM_001261408.1
UniProt Accession #	O75815; Q6UW40; Q9BR50; D3DT43
Molecular Weight	92,566 Da
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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/bcar3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/221045