

## Rabbit BCAR3 Polyclonal Antibody | anti-BCAR3 antibody

Anti-BCAR3 Antibody

| CATALOG # | HOST   | REACTIVITY    | APPLICATIONS                                                                |
|-----------|--------|---------------|-----------------------------------------------------------------------------|
| AAA260615 | Rabbit | Human, Bovine | Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

BCAR3; Polyclonal Antibody; 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                                                                                                                           |
| Specificity                                     | Recognizes endogenous levels of BCAR3 protein.                                                                                       |
| 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.                            |
| Sequence Length                                 | 825                                                                                                                                  |
| Applicable Applications for anti-BCAR3 antibody | ICC (Immunocytochemistry), 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                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid 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 (Immunohistochemistry)

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

|                                                     |                                     |
|-----------------------------------------------------|-------------------------------------|
| Related Product Information for anti-BCAR3 antibody | Rabbit polyclonal antibody to BCAR3 |
|-----------------------------------------------------|-------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| NCBI GI #                        | 74739634                                         |
| NCBI GeneID                      | 8412                                             |
| UniProt Accession #              | O75815; Q5TEW3; Q6UW40; Q9BR50; D3DT43           |
| Molecular Weight                 | 82,357 Da                                        |
| NCBI Official Full Name          | Breast cancer anti-estrogen resistance protein 3 |
| 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 |
| 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.