

BCAR3 Polyclonal Antibody | anti-BCAR3 antibody

Anti-BCAR3 Antibody

CATALOG # AAA46518	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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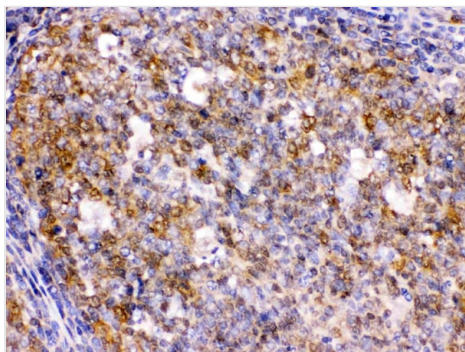
PRODUCT SYNONYMS

BCAR3; Polyclonal Antibody; Anti-BCAR3 Antibody; Breast cancer anti-estrogen resistance protein 3; BCAR 3; BCAR3_HUMAN; Breast cancer anti estrogen resistance 3; Breast cancer anti estrogen resistance protein 3; Breast cancer antiestrogen resistance 3; dJ1033H22.2; dJ1033H22.2 breast cancer anti estrogen resistance 3; dJ1033H22.2 breast cancer antiestrogen resistance 3; KIAA0554; Novel SH2 containing protein 2; Novel SH2-containing protein 2; NSP 2; NSP2; SH2 containing protein Nsp2; SH2 domain containing protein 3B; SH2 domain-containing protein 3B; SH2D3B; breast cancer anti-estrogen resistance 3; anti-BCAR3 antibody

PRODUCT SPECIFICATIONS

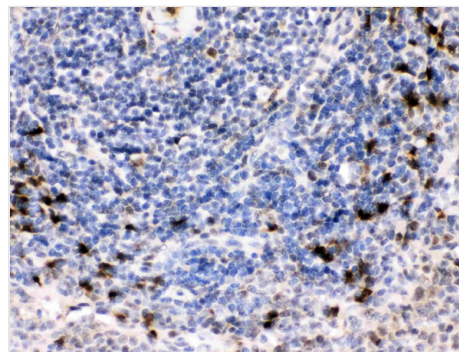
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	825
Applicable Applications for anti-BCAR3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human BCAR3 (791-825aa KGAQVNQTERYEKFNQILTALSRKLEPPPVKQAEI), different from the related mouse sequence by five amino acids.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



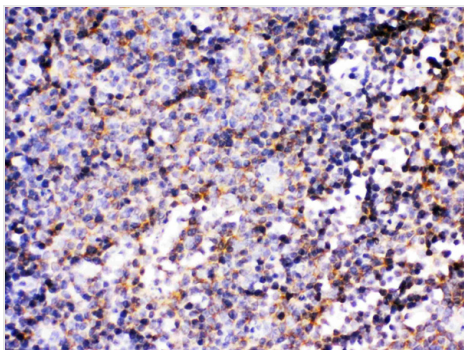
IHC (Immunohistochemistry)

BCAR3 was detected in paraffin-embedded sections of human tonsil tissues using rabbit anti-BCAR3 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



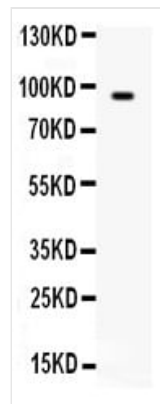
IHC (Immunohistochemistry)

BCAR3 was detected in paraffin-embedded sections of rat spleen tissues using rabbit anti-BCAR3 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)

BCAR3 was detected in paraffin-embedded sections of mouse lymphaden tissues using rabbit anti- BCAR3 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)

Western blot analysis of BCAR3 expression in HEPG2 whole cell lysates (lane 1). BCAR3 at 93KD was detected using rabbit anti- BCAR3 Antigen Affinity purified polyclonal antibody at 0.5 ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-BCAR3 antibody	Description: Rabbit IgG polyclonal antibody for Breast cancer anti-estrogen resistance protein 3(BCAR3) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: Breast cancer anti-estrogen resistance protein 3 is a protein that in humans is encoded by the BCAR3 gene. Breast tumors are initially dependent on estrogens for growth and progression and can be inhibited by anti-estrogens such as tamoxifen. However, breast cancers progress to become anti-estrogen 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 intracellular signal transduction that causes estrogen-independent proliferation in human breast cancer cells. The protein contains a putative src homology 2 (SH2) domain, a hall mark of cellular tyrosine kinase signaling molecules, and is partly homologous to the cell division cycle protein CDC48. Multiple transcript variants encoding different isoforms have been found for this gene.
References	1. "Entrez Gene: BCAR3 breast cancer anti-estrogen resistance 3". 2. Dorssers LC, van Agthoven T, Brinkman A; et al. (2006). "Breast cancer oestrogen independence mediated by BCAR1 or BCAR3 genes is transmitted through mechanisms distinct from the oestrogen receptor signalling pathway or the epidermal growth factor receptor signalling pathway.". Breast Cancer Res. 7 (1): R82-92. 3. van Agthoven T, van Agthoven TL, Dekker A, van der Spek PJ, Vreede L, Dorssers LC (Jul 1998)."Identification of BCAR3 by a random search for genes involved in antiestrogen resistance of human breast cancer cells". EMBO J 17 (10): 2799-808.

NCBI AND UNIPROT INFORMATION

NCBI GI #	387157906
NCBI GeneID	8412
NCBI Accession #	NP_001248337.1
NCBI GenBank Nucleotide #	NM_001261408.1
UniProt Accession #	O75815; Q5TEW3; Q6UW40; Q9BR50; D3DT43
Molecular Weight	82,357 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
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://www.aaabiotech.com/polyclonal/bcar3-antibody-immunohistochemistry-western-blot-elisa/46518>