

Datasheet for 600-401-Z37**BCAR3 Antibody****Overview**

Description:	Anti-BCAR3 (RABBIT) Antibody - 600-401-Z37
Item No.:	600-401-Z37
Size:	100 µg
Applications:	ELISA, IF, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	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.
Synonyms:	BCAR3 Antibody, NSP2, SH2D3B, NSP2, UNQ271/PRO308, Breast cancer anti-estrogen resistance protein 3, Novel SH2-containing protein 2
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	BCAR3
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-BCAR3 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 16 amino acid synthetic peptide near the N-terminus of human BCAR3.

Purity/Specificity:	Anti-BCAR3 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. 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.
Relevant Links:	• UniProtKB - O75815 • GeneID - 8412 • NCBI - NP_003558

Application Details

Tested Applications:	ELISA, IF, WB
Application Note:	Anti-BCAR3 Antibody has been tested for use in ELISA, Western Blotting and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 93 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:20,000
IF:	20 µg/mL
WB:	1 - 2 µg/mL

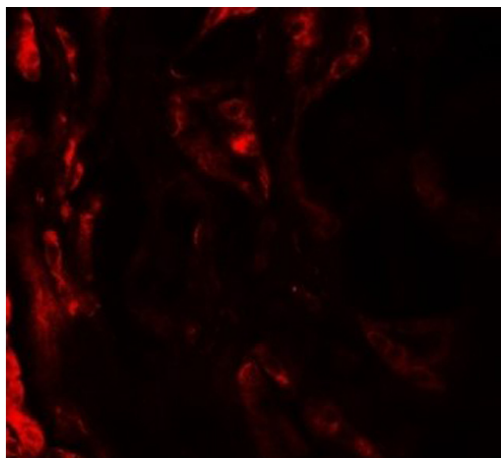
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/ml by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Expiration:	Expiration date is one (1) year from date of receipt.

Images

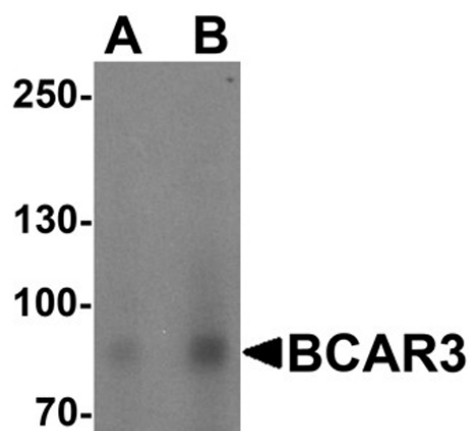


Immunofluorescence Microscopy

Immunofluorescence of BCAR3.

Tissue: human kidney tissue.

Primary Antibody: BCAR3 antibody at 20 µg/mL.



Western Blot

Western blot analysis of BCAR3.

Load: HeLa cell lysate.

Primary Antibody: BCAR3 antibody at (A) 1 and (B) 2 µg/mL.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.