

Datasheet for 600-401-Z46**BCL9L Antibody****Overview**

Description:	Anti-BCL9L (RABBIT) Antibody - 600-401-Z46
Item No.:	600-401-Z46
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	Bcl9L, a homolog of Bcl9, was initially identified through a bioinformatics screening. It is expressed in fetal brain, adult lung, eye and prostate, in addition to several types of tumors including pancreatic and prostate cancers. Bcl9L has been shown to interact with beta-catenin, a target of the Wnt signaling pathway, and is required for enhanced beta-catenin-T-cell factor (TCF)-mediated transcription in colorectal tumor cells, possibly by translocating beta-catenin to the nucleus. Other studies have indicated that Bcl9L expression correlates with high nuclear grade cancer phenotype and the expression of ErbB2/HER-2 in breast cancers, suggesting that activity may occur in other types of cancer. Bcl9L has also been shown to be critical for Wnt-mediate regulation of stem cell traits in colon epithelium and adenocarcinomas which are associated with tumor invasion, metastasis, and resistance to therapy.
Synonyms:	Bcl9L Antibody, BCL9-2, DLNB11, Protein BCL9-2, B-cell lymphoma 9-like protein
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	BCL9L
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide

Immunogen:	Anti-Bcl9L antibody was prepared from whole rabbit serum produced by repeated immunizations with a 20 amino acid synthetic peptide near the N-terminus of human Bcl9L.
Purity/Specificity:	Anti-Bcl9L Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Bcl9L antibody is predicted to not cross-react with other Bcl family members. At least four isoforms of Bcl9L are known to exist; this antibody will detect all four.
Relevant Links:	• UniProtKB - Q86UU0 • GeneID - 283149 • NCBI - NP_872363

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-Bcl9L Antibody has been tested for use in ELISA, Western Blotting, Immunocytochemistry, immunohistochemistry, and immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 157 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
IF:	20 µg/mL
IHC:	5 µg/mL
WB:	1 µg/mL

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 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

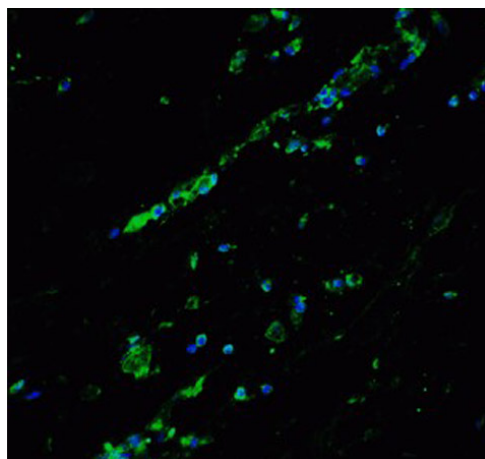
Shipping & Handling

Shipping Condition:	Wet Ice
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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



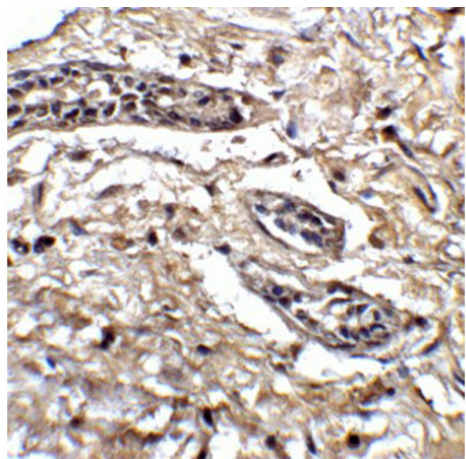
Immunofluorescence Microscopy

Immunofluorescence of Bcl9L.

Tissue: human breast tissue.

Primary Antibody: Bcl9L antibody at 20 µg/ml.

Staining: Bcl9L Antibody (green), DAPI staining (blue).



Immunohistochemistry

Immunohistochemistry of Bcl9L.

Tissue: human breast tissue.

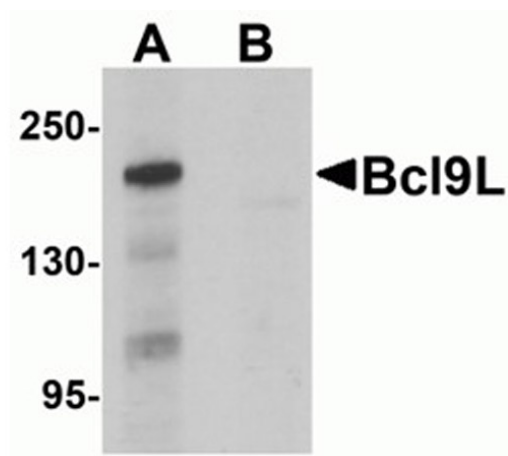
Primary Antibody: Bcl9L antibody at 5 µg/ml.

**Immunocytochemistry**

Immunocytochemistry of Bcl9L.

Cell: HeLa cells.

Primary Antibody: Bcl9L antibody at 10 µg/mL.

**Western Blot**

Western blot analysis of Bcl9L.

Load: HeLa cell lysate.

Primary Antibody: Bcl9L antibody at 1 µg/mL in (A) the absence and (B) the presence of blocking peptide.

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.