

Anti-Bcl9L Antibody

Catalog Number: A05905-1

About BCL9L

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.

Submit a product review to Biocompare.com

[Submit a review of this product](#) to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Overview

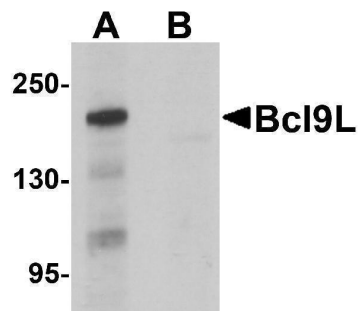
Product Name	Anti-Bcl9L Antibody
Reactive Species	Human
Description	Boster Bio Anti-Bcl9L Antibody (Catalog # A05905-1). Tested in ELISA, WB, IHC-P, ICC, IF applications. This antibody reacts with Human.
Application	ELISA, IF, IHC-P, ICC, WB
Clonality	Polyclonal
Formulation	Bcl9L Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q86UU0

Technical Details

Immunogen	Bcl9L antibody was raised against a 20 amino acid synthetic peptide near the amino terminus of human Bcl9L. The immunogen is located within amino acids 20 - 70 of Bcl9L.
-----------	---

Predicted Reactive Species	Mouse, Rat
Cross Reactivity	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.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	Bcl9L Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	Bcl9L antibody can be used for detection of Bcl9L by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL and immunocytochemistry starting at 10 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

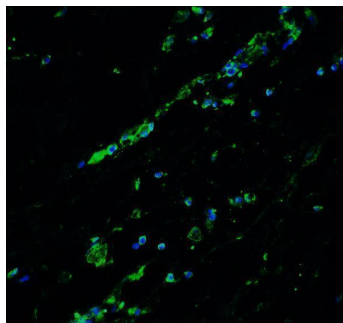
Anti-Bcl9L Antibody (A05905-1) Images



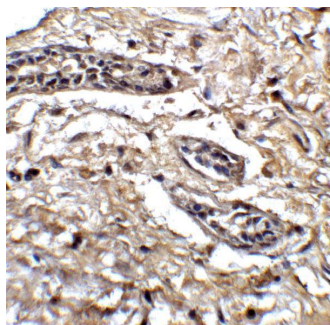
Western blot analysis of Bcl9L in HeLa cell lysate with Bcl9L antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunocytochemistry of Bcl9L in HeLa cells with Bcl9L antibody at 10 ug/mL.



Immunofluorescence of Bcl9L in human breast tissue with Bcl9L antibody at 20 ug/mL. Green: Bcl9L Antibody (A05905-1) Blue: DAPI staining



Immunohistochemistry of Bcl9L in human breast tissue with Bcl9L antibody at 5 ug/mL.

Anti-Bcl9L Antibody

For Research Use Only. Not for use in diagnostic procedures.