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Bcl9L Antibody
Catalog # ASC11289

Specification

Bcl9L Antibody - Product Information

Application	**IHC, WB**
Primary Accession	Q86UU0
Other Accession	NP_872363, 283149
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**Predicted: 165 kDa** **Observed: 195 kDa KDa**
Application Notes	**Bcl9L antibody can be used for detection of Bcl9L by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL and immunocytochemistry starting at 10 µg/mL. For immunofluorescence start at 20 µg/mL.**

Bcl9L Antibody - Additional Information

Gene ID **283149**

Target/Specificity
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.

Reconstitution & Storage
Bcl9L antibody can be stored at 4℃ for three months and -20℃, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Precautions
Bcl9L Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Bcl9L Antibody - Protein Information

Name BCL9L

Synonyms DLNB11

Function
Transcriptional regulator that acts as an activator. Promotes beta-catenin transcriptional activity. Plays a role in tumorigenesis. Enhances the neoplastic transforming activity of CTNNB1 (By similarity).

Cellular Location
Nucleus

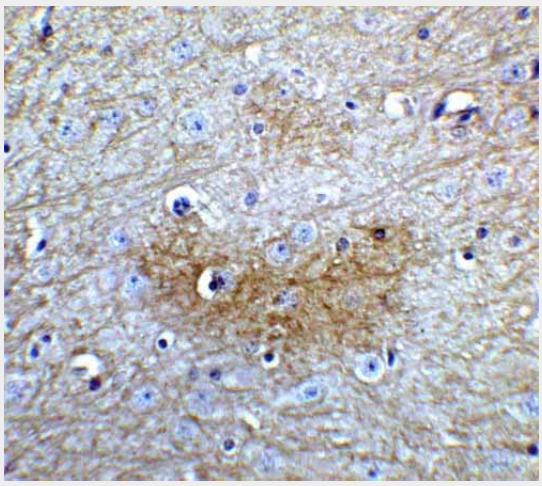
Tissue Location
Expressed in breast, ductal and invasive ductal carcinomas of the breast, sporadic colorectal adenomas and carcinomas (at protein level). Expressed in fetal brain. Expressed in lung, amygdala, eye, prostate, pancreatic and prostate cancers, head and neck tumors and embryonal tumor.

Bcl9L Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Bcl9L Antibody - Images



Immunohistochemistry of GLS2 in mouse brain tissue with GLS2 Antibodyat 5 µg/mL.

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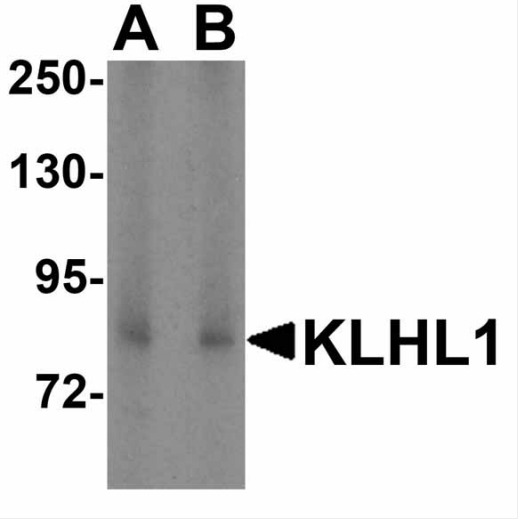

Western blot analysis of KLHL1 in HeLa cell lysate with KLHL1 antibody at (A) 2 and (B) 4 µg/mL.

Bcl9L Antibody - Background

Bcl9L Antibody: 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.

Bcl9L Antibody - References

Katoh M and Katoh M. Identification and characterization of human BCL9L gene and mouse Bcl9l gene in silico. Int. J. Mol. Med. 2003; 12:643-9.
Adachi S, Jigami T, Yasui T, et al. Role of a BCL9-related beta-catenin-binding protein, B9L, in tumorigenesis induced by aberrant activation of Wnt signaling. Cancer Res. 2004; 64:8496-501.
Toya H, Oyama T, Ohwada S, et al. Immunohistochemical expression of the beta-catenin-interacting protein B9L is associated with histological high nuclear grade and immunohistochemical ErbB2/HER-2 expression in breast cancers. Cancer Sci. 2007; 98:484-90.
Deka J, Wiedemann N, Anderle P, et al. Bcl9/Bcl9l are critical for Wnt-mediated regulation of stem cell traits in colon epithelium and adenocarcinoma. Cancer Res. 2010; 70:6619-28.