

BCL2L11 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5298**Specification**

BCL2L11 Antibody (Center) - Product Information

Application	WB, IHC-P, FC,E
Primary Accession	O43521
Other Accession	O88498 , O54918
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=22,16,13,19,12,9,10,14,23;M=22,16,13; Rat=22,16,13,11 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

BCL2L11 Antibody (Center) - Additional Information**Gene ID** 10018**Antigen Region**
134-160**Other Names**
BCL2L11; BIM; Bcl-2-like protein 11; Bcl2-interacting mediator of cell death**Dilution**
WB~~1:1000
IHC-P~~1:10~50
FC~~1:10~50**Target/Specificity**
This BCL2L11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 134-160 amino acids from the Central region of human BCL2L11.**Format**
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.**Storage**
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.**Precautions**
BCL2L11 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

BCL2L11 Antibody (Center) - Protein Information

Name BCL2L11

Synonyms BIM

Function

Induces apoptosis and anoikis. Isoform BimL is more potent than isoform BimEL. Isoform Bim-alpha1, isoform Bim-alpha2 and isoform Bim-alpha3 induce apoptosis, although less potent than isoform BimEL, isoform BimL and isoform BimS. Isoform Bim-gamma induces apoptosis. Isoform Bim-alpha3 induces apoptosis possibly through a caspase-mediated pathway. Isoform BimAC and isoform BimABC lack the ability to induce apoptosis.

Cellular Location

Endomembrane system; Peripheral membrane protein. Note=Associated with intracytoplasmic membranes. [Isoform BimL]: Mitochondrion. [Isoform Bim-alpha1]: Mitochondrion.

Tissue Location

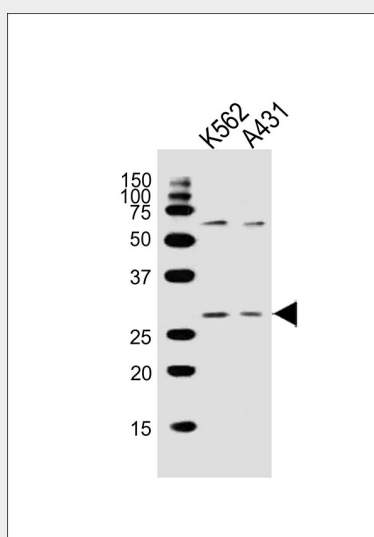
Isoform BimEL, isoform BimL and isoform BimS are the predominant isoforms and are widely expressed with tissue-specific variation. Isoform Bim-gamma is most abundantly expressed in small intestine and colon, and in lower levels in spleen, prostate, testis, heart, liver and kidney.

BCL2L11 Antibody (Center) - Protocols

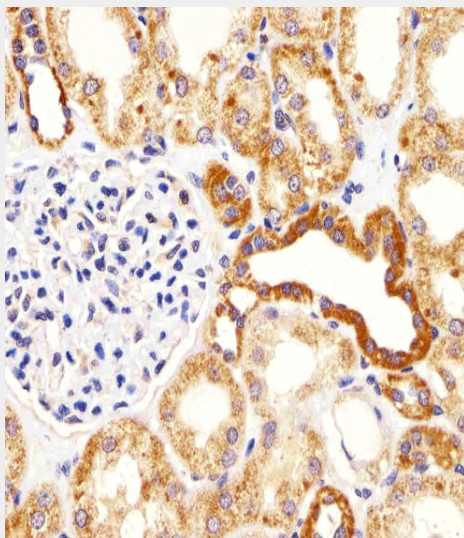
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

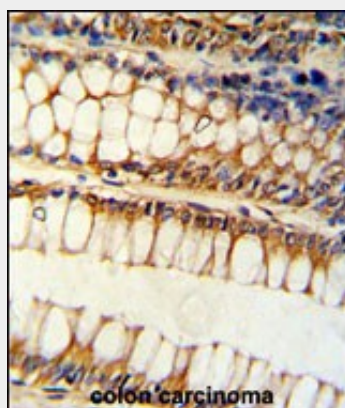
BCL2L11 Antibody (Center) - Images



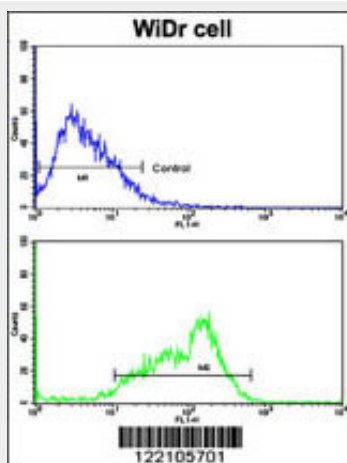
Western blot analysis of lysates from K562,A431 cell line (from left to right), using BCL2L11 Antibody (Center)(Cat. #AW5298). AW5298 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.



Immunohistochemical analysis of paraffin-embedded H. kidney section using BCL2L11 Antibody (Center)(Cat#AW5298). AW5298 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



Formalin-fixed and paraffin-embedded human colon carcinoma reacted with BCL2L11 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Flow cytometric analysis of WiDr cells using BCL2L11 Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

BCL2L11 Antibody (Center) - Background

BCL2L11 belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein contains a Bcl-2 homology domain 3 (BH3). It has been shown to interact with other members of the BCL-2 protein family, including BCL2, BCL2L1/BCL-X(L), and MCL1, and to act as an apoptotic activator.

BCL2L11 Antibody (Center) - References

Hippe,D.,et.al., J. Cell. Sci. 122 (PT 19), 3511-3521 (2009)
Putcha,G.V., et.al., Neuron 38 (6), 899-914 (2003)