

## BCL2L1 antibody

Catalog No: #22969

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	BCL2L1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 178 of BCL2L1
Target Name	BCL2L1
Accession No.	Swiss-Prot:Q07817Gene ID:598
Uniprot	Q07817
GeneID	598;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

## Application Details

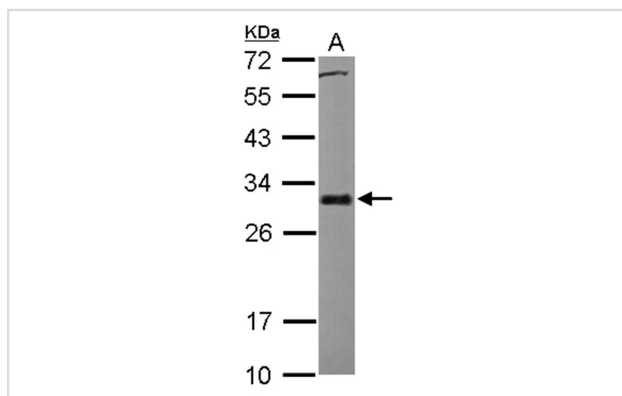
Predicted MW: 26kd

Western blotting: 1:500-1:3000

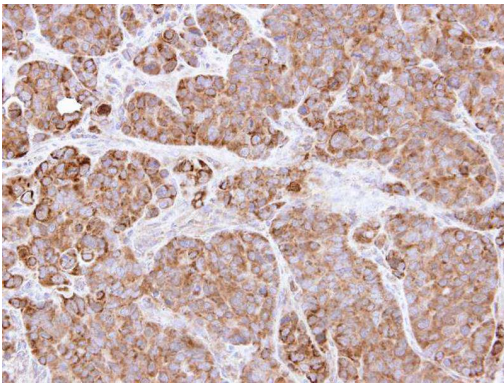
Immunohistochemistry: 1:100-1:500

Immunofluorescence: 1:100-1:200

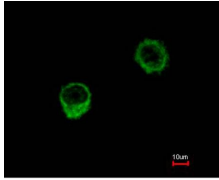
## Images



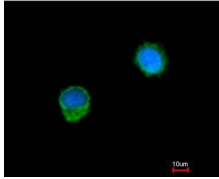
Sample (30 ug of whole cell lysate)  
A: HCT116  
12% SDS PAGE  
Primary antibody diluted at 1: 1000



Immunohistochemical analysis of paraffin-embedded SW480 xenograft, using BCL2L1 antibody at 1: 500 dilution.



Costained with Hoechst 33342



Immunofluorescence analysis of methanol-fixed A549, using BCL-x antibody at 1: 500 dilution.

## Background

The protein encoded by this gene 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. The proteins encoded by this gene are located at the outer mitochondrial membrane, and have been shown to regulate outer mitochondrial membrane channel (VDAC) opening. VDAC regulates mitochondrial membrane potential, and thus controls the production of reactive oxygen species and release of cytochrome C by mitochondria, both of which are the potent inducers of cell apoptosis. Two alternatively spliced transcript variants, which encode distinct isoforms, have been reported. The longer isoform acts as an apoptotic inhibitor and the shorter form acts as an apoptotic activator. [provided by RefSeq]

Note: This product is for in vitro research use only