

For Research Use Only

BCL2L13 Polyclonal antibody

Catalog Number: 16612-1-AP

Featured Product

24 Publications



Basic Information

Catalog Number:

16612-1-AP

Size:

150ul, Concentration: 750 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9841

GenBank Accession Number:

BC003032

GeneID (NCBI):

23786

UNIPROT ID:

Q9BXK5

Full Name:

BCL2-like 13 (apoptosis facilitator)

Calculated MW:

485 aa, 53 kDa

Observed MW:

85 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, mouse heart tissue, HepG2 cells, rat heart tissue

IP : mouse heart tissue,

IHC : human pancreas cancer tissue,

Background Information

BCL2L13/MIL1 gene encodes a mitochondrially-localized protein with conserved B-cell lymphoma 2 homology motifs. BCL2L13 gene is highest expressed in heart, placenta and pancreas. The encoded protein Bcl-2-like 13 may promote the activation of caspase-3 and apoptosis. The Bcl-2-like 13 cell death activity was induced by its membrane-anchored C-terminal domain and not by the Bcl-2 homology region (PMID: 11262395). Multivariate analysis demonstrated that high expression of BCL2L13 was an independent prognostic factor for in childhood acute lymphoblastic leukemia (PMID: 20109966).

Notable Publications

Author	Pubmed ID	Journal	Application
Qiong Fang	36094724	Metab Brain Dis	IHC
Liping Ju	30352689	Biochem Biophys Res Commun	WB
Simone C da Silva Rosa	33044904	Autophagy	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

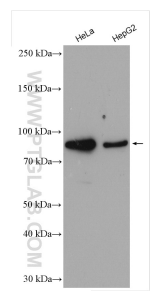
For technical support and original validation data for this product please contact:

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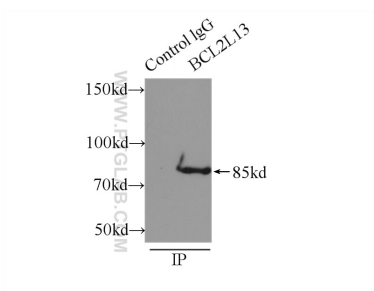
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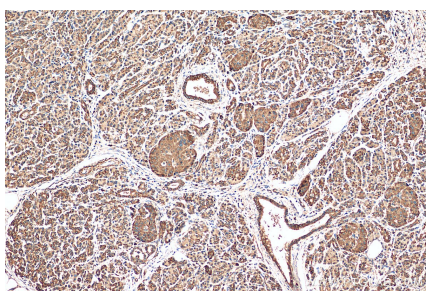
Selected Validation Data



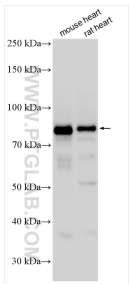
Various lysates were subjected to SDS PAGE followed by western blot with 16612-1-AP (BCL2L13 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP result of anti-BCL2L13 (IP:16612-1-AP, 3ug; Detection:16612-1-AP 1:100) with mouse heart tissue lysate 8000ug.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 16612-1-AP (BCL2L13 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 16612-1-AP (BCL2L13 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.