

Anti-Bim Rabbit pAb



WLA0650

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Bim Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC、IF	1:100-1:500
Cellular localization	Membrane, Mitochondrion.	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background

Bim, Also known as BCL2L11, it is a member of the BCL-2 protein family. BCL-2 family members can form heterodimers or homodimers and act as regulatory factors for anti apoptosis or pro apoptosis, participating in various cellular activities. Bim can interact with other members of the BCL-2 protein family and act as an activator of apoptosis. Bim may play a role in the apoptosis process of neurons and lymphocytes. The different isoforms of this gene exhibit differences in inducing cell apoptosis and anoikis. Among them, the induction efficiency of isomer BimL is higher than that of isomer BimEL. Although isomers Bim - α 1, Bim α 2, and Bim-1 α 3 can induce cell apoptosis, their efficacy is not as good as isomers BimEL, BimL, and BimS. Isoform Bim gamma also has the ability to induce cell apoptosis. The isomer Bim - α 3 may induce cell apoptosis through a caspase mediated signaling pathway. However, the BimAC and BimABC isoforms lack the ability to induce cell apoptosis.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Bim.

Purification

Polyclonal antibody was purified by Protein A affinity chromatography.

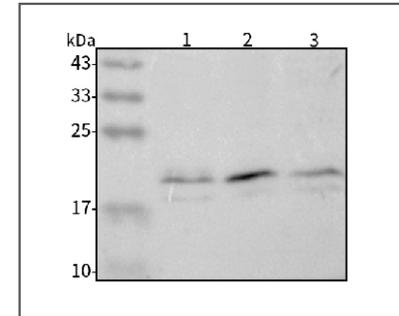
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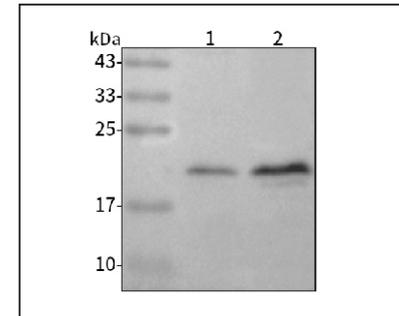
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Product Images



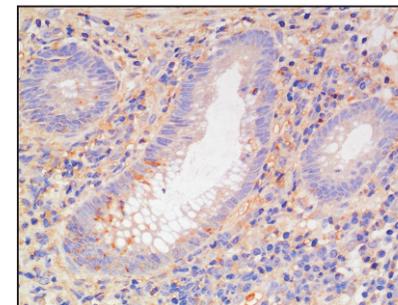
Western blot-Anti-Bim pAb

Lane 1: Human TPC-1 cell lysate
Lane 2: Human A2780 cell lysate
Lane 3: Rat RSC96 cell lysate
All lanes: Anti-Bim at 1:2000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 22 kDa
 Observed band size: 18,22 kDa



Western blot-Anti-Bim pAb

Lane 1: Mouse colon tissue lysate
Lane 2: Rat stomach tissue lysate
All lanes: Anti-Bim at 1:2000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 22 kDa
 Observed band size: 18,22 kDa



Immunohistochemistry-Anti-Bim pAb

Immunohistochemical analysis of paraffin-embedded human colon cancer using anti-Bim Rabbit Antibody at 1:200 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

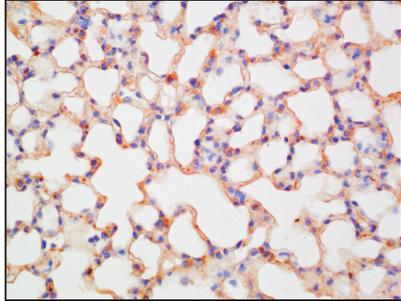
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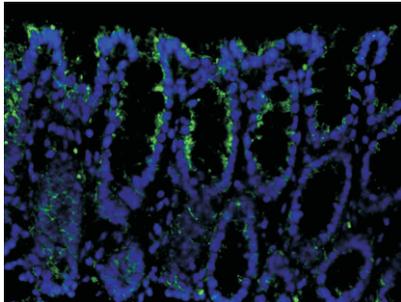
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Immunohistochemistry-Anti-Bim pAb

Immunohistochemical analysis of paraffin-embedded mouse lung using anti-Bim Rabbit Antibody at 1:200 dilution.

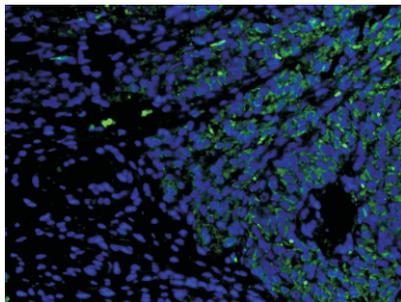
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-Bim pAb

Immunofluorescence analysis of paraffin-embedded mouse intestine using anti-Bim Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-Bim pAb

Immunofluorescence analysis of paraffin-embedded rat ovary using anti-Bim Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0