Bim Antibody

Catalog No: #24047

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SAB

Signalway Antibody

Description

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Product Name	Bim Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids near the center of human Bim. The sequence is identical to that of mouse and differs from that of rat by one amino acid.
Target Name	Bim
Other Names	BOD
Accession No.	O43521
Uniprot	O43521
GeneID	10018;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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.

Application Details

Predicted MW: 23 kd

Images
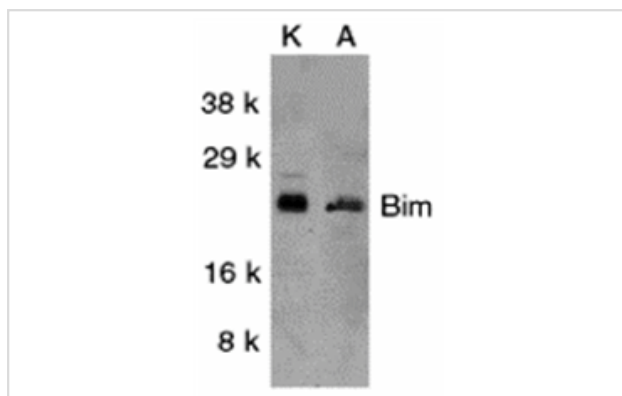
Western blot analysis of Bim in K562 (K) and A549 (A) whole cell lysates with Bim antibody at 1 ug/mL.
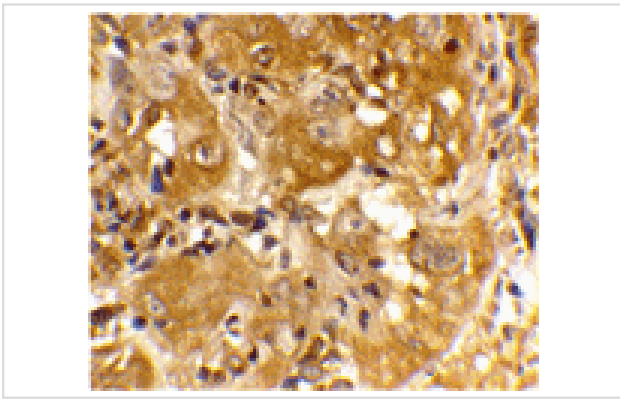
Immunohistochemistry of Bim in human skin cancer cells with Bim antibody at 20 ug/mL.

Background

Members in the Bcl-2 family are critical regulators of apoptosis by either inhibiting or promoting cell death. Bcl-2 homology 3 (BH3) domain is a potent death domain. BH3 domain containing pro-apoptotic proteins, including Bad, Bax, Bid, Bik, and Hrk, form a growing subclass of the Bcl-2 family. A novel BH3 domain containing protein was recently identified and designated Bim or BOD in human, mouse and rat. Bim/BOD interacts with diverse members in the pro-survival Bcl-2 sub-family including Bcl-2, Bcl-xL and Bcl-w. Bim/BOD induces apoptosis. The messenger RNA of Bim is ubiquitously expressed in multiple tissues and cell lines.

Note: This product is for in vitro research use only