Datasheet for ABIN197552

anti-BIM antibody (Ser65)

2 Images

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Overview

Quantity:	0.1 mL
Target:	BIM (BCL2L11)
Binding Specificity:	Ser65
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BIM antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	The antiserum was produced against synthesized non-phosphopeptide derived from Mouse BIM around the phosphorylation site of Serine 65 (P-A-Sp-P-G).
Specificity:	BIM antibody detects endogenous levels of total BIM protein.
Purification:	Affinity Chromatography using epitope-specific immunogen.

Target Details

Target:	BIM (BCL2L11)
Abstract:	BCL2L11 Products
Background:	Bim, Bcl-2 interacting mediator of cell death, is a pro-apoptotic protein belonging to the Bcl2 family of proteins containing a Bcl2 homology domain 3 (BH3). It is proapoptotic and exerts its effects by interacting with prosurvival members of the Bcl2 family like Bcl2, BclxL and Bclw.

Target Details

	Bim is sequestered in an inactive conformation through binding to the microtubule-associated dynein motor complex. Certain apoptotic stimuli release Bim from microtubules, allowing inhibitory binding to anti-apoptotic Bcl-2 family members and subsequent iniation of apoptosis.Synonyms: BCL2L11, BIM, Bcl2-L-11, Bcl2-interacting mediator of cell death, BimEL, BimL, BimS
Gene ID:	10018
NCBI Accession:	NP_001191035
UniProt:	O43521
Pathways:	PI3K-Akt Signaling, Neurotrophin Signaling Pathway, Tube Formation, Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	Immunohistochemistry: 1/50approx. 1/100. Western Blot: 1/500approx. 1/1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	PBS (without Mg2+ and Ca2+), pH 7.4 containing 150 mM NaCl, 0.02 % Sodium Azide and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C

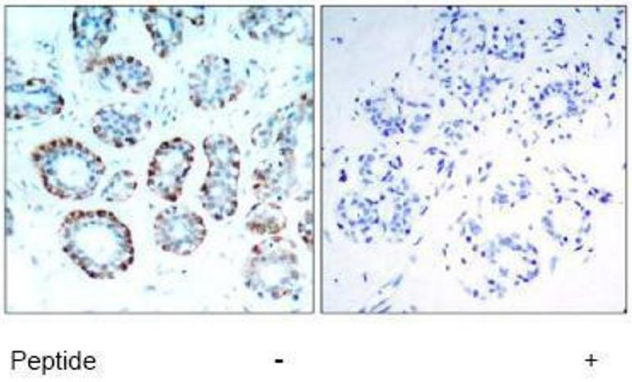

Image 1.

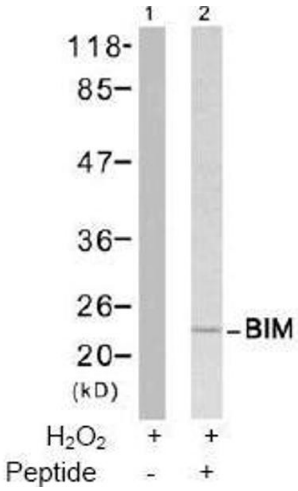

Image 2.