

Bim (phospho-S69/S65) polyclonal antibody

Catalog: BS64039

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Pro-apoptotic Bcl-2 family members promote cell death by neutralizing their anti-apoptotic relatives, which otherwise maintain cell viability by regulating caspase activity. Bim belongs to the BH3-only subgroup of Bcl-2 related proteins, and exists in three distinct isoforms, BimS (short), BimL (long) and BimEL (extra long). ERK1/2 phosphorylates BimEL, resulting in rapid degradation of the isoform via the proteasome pathway. At least three sites for ERK1/2 phosphorylation exist on BimEL, whereas ERK1/2 does not effect BimS and BimL, implying a unique role for BimEL in cell survival signaling.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 25 kDa

Swiss-Prot:

O43521

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

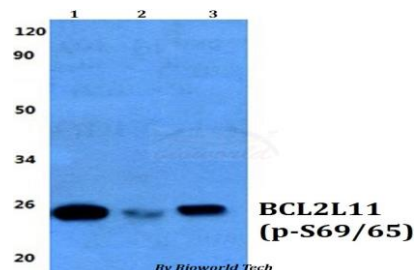
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -22 °C long term. Avoid freeze-thaw cycles.

Specificity:

p-Bim (S69/S65) polyclonal antibody detects endogenous levels of human Bim protein only when phosphorylated at Ser69. This antibody also recognizes mouse or rat Bim Protein when phosphorylated at Ser65.

DATA:



Western blot (WB) analysis of p-Bim (S69/S65) polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:sp2/0 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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