

Phospho-mouse Bid(S61) Antibody Blocking peptide

Synthetic peptide Catalog # BP3040a

Specification

Phospho-mouse Bid(S61) Antibody Blocking peptide - Product Information

Primary Accession P70444
Other Accession Q99M39

Phospho-mouse Bid(S61) Antibody Blocking peptide - Additional Information

Gene ID 12122

Other Names

BH3-interacting domain death agonist, p22 BID, BID, BH3-interacting domain death agonist p15, p15 BID, BH3-interacting domain death agonist p13, p13 BID, BH3-interacting domain death agonist p11, p11 BID, Bid

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP3040a was selected from the region of human Mouse Phospho-Bid-S61. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

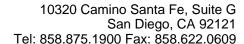
Phospho-mouse Bid(S61) Antibody Blocking

Phospho-mouse Bid(S61) Antibody Blocking peptide - Background

Bid is a death agonist that heterodimerizes with either agonist BAX or antagonist BCL2. The encoded protein is a member of the BCL-2 family of cell death regulators. Bid induces ICE-like proteases and apoptosis. It is amediator of mitochondrial damage induced by caspase-8 (CASP8); CASP8 cleaves this encoded protein, and the major proteolytic product p15 Bid translocates to mitochondria where it triggers cytochrome c release.

Phospho-mouse Bid(S61) Antibody Blocking peptide - References

J. Biol. Chem. 280 (46), 38271-38275 (2005)J. Biol. Chem. 280 (13), 12486-12493 (2005)J. Biol. Chem. 279 (28), 28954-28960 (2004)J. Biol. Chem. 279 (27), 28771-28780 (2004)J. Biol. Chem. 279 (4), 2846-2855 (2004)





peptide - Protein Information

Name Bid

Function

Induces caspases and apoptosis. Counters the protective effect of Bcl-2. The major proteolytic product p15 BID allows the release of cytochrome c.

Cellular Location

Cytoplasm. Mitochondrion membrane. Mitochondrion outer membrane {ECO:0000250|UniProtKB:P55957}. Note=When uncleaved, it is predominantly cytoplasmic. [BH3-interacting domain death agonist p13]: Mitochondrion membrane. Note=Associated with the mitochondrial membrane.

Phospho-mouse Bid(S61) Antibody Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

• Blocking Peptides