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BAD Antibody (Center S74/S75/Y76) Blocking Peptide

Synthetic peptide
Catalog # BP18706c

Specification

BAD Antibody (Center S74/S75/Y76) Blocking Peptide - Product Information

Primary Accession Q92934

BAD Antibody (Center S74/S75/Y76) Blocking Peptide - Additional Information

Gene ID 572

Other Names
Bcl2-associated agonist of cell death, BAD, Bcl-2-binding component 6, Bcl-2-like protein 8, Bcl2-L-8, Bcl-xL/Bcl-2-associated death promoter, Bcl2 antagonist of cell death, BAD, BBC6, BCL2L8

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.

BAD Antibody (Center S74/S75/Y76) Blocking Peptide - Protein Information

Name BAD

Synonyms BBC6, BCL2L8

Function
Promotes cell death. Successfully competes for the binding to Bcl-X(L), Bcl-2 and Bcl-W, thereby affecting the level of heterodimerization of these proteins with BAX. Can reverse the death repressor activity of Bcl-X(L), but not that of Bcl-2 (By similarity). Appears to act as a link between growth factor receptor signaling and the apoptotic pathways.

Cellular Location
Mitochondrion outer membrane. Cytoplasm {ECO:0000250|UniProtKB:Q61337}. Note=Colocalizes with HIF3A in the cytoplasm (By similarity). Upon phosphorylation, locates to the cytoplasm. {ECO:0000250|UniProtKB:Q61337}

Tissue Location
Expressed in a wide variety of tissues.

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BAD Antibody (Center S74/S75/Y76) Blocking Peptide - Protocols

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

- Blocking Peptides

BAD Antibody (Center S74/S75/Y76) Blocking Peptide - Images

BAD Antibody (Center S74/S75/Y76) Blocking Peptide - Background

BAD promotes cell death. It successfully competes for the binding to Bcl-X(L), Bcl-2 and Bcl-W, thereby affecting the level of heterodimerization of these proteins with BAX. Can reverse the death repressor activity of Bcl-X(L), but not that of Bcl-2. Appears to act as a link between growth factor receptor signaling and the apoptotic pathways.

BAD Antibody (Center S74/S75/Y76) Blocking Peptide - References

Chen, B., et al. Am. J. Physiol., Cell Physiol. 299 (5), C968-C976 (2010) :Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Galmiche, A., et al. Mol. Cancer Res. 8(8):1116-1125(2010)Cerioni, L., et al. Methods Mol. Biol. 648, 291-301 (2010) :Yu, B., et al. J. Exp. Clin. Cancer Res. 29, 107 (2010) :