Bad Antibody (Center)
Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1314C-400 µl

Specification

Bad Antibody (Center) - Product info

Application
WB, IHC-P

Primary Accession
Q92934

Reactivity
Human

Host
Rabbit

Clonality
Polyclonal

Clone Names
RB06939

Calculated MW
18392

Bad Antibody (Center) - Additional info

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

Target/Specificity
This Bad antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 53-81 amino acids from the Central region of human Bad.

Dilution
WB~~1:1000
IHC-P~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Bad Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Bad Antibody (Center) - 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.

**Bad Antibody (Center) - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry
- Cell Culture

**Bad Antibody (Center) - Background**

Bad is a member of the BCL-2 family. BCL-2 family members are known to be regulators of programmed cell death. This protein positively regulates cell apoptosis by forming heterodimers with BCL-xL and BCL-2, and reversing their death repressor activity. Proapoptotic activity of this protein is regulated through its phosphorylation. Protein kinases AKT and MAP kinase, as well as protein phosphatase calcineurin were found to be involved in the regulation of this protein.

**Bad Antibody (Center) - References**


**Bad Antibody (Center) - Citations**

- Photodynamic Therapy Using Indolines-Fused-Triazoles Induces Mitochondrial Apoptosis in Human Non-Melanoma BCC Cells.
- GABA A receptor π subunit promotes apoptosis of HTR-8/SVneo trophoblastic cells: Implications in preeclampsia.
- Involvement of caspases and their upstream regulators in myocardial apoptosis in a rat model of selenium deficiency-induced dilated cardiomyopathy.