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mouse BAD Antibody (Center S112/S111/Y113)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18695c

Specification

mouse BAD Antibody (Center S112/S111/Y113) - Product Information

Application	**WB,E**
Primary Accession	Q61337
Other Accession	O35147, NP_031548.1
Reactivity	**Mouse**
Predicted	**Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**22080**
Antigen Region	**90-118**

mouse BAD Antibody (Center S112/S111/Y113) - Additional Information

Gene ID 12015

Other Names
Bcl2-associated agonist of cell death, BAD, Bcl-2-binding component 6, Bcl-xL/Bcl-2-associated death promoter, Bcl2 antagonist of cell death, Bad, Bbc6

Target/Specificity
This mouse BAD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 90-118 amino acids from the Central region of mouse BAD.

Dilution
WB~~1:1000
E~~Use at an assay dependent concentration.

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
mouse BAD Antibody (Center S112/S111/Y113) is for research use only and not for use in diagnostic or therapeutic procedures.

mouse BAD Antibody (Center S112/S111/Y113) - Protein Information

Name Bad

Synonyms Bbc6

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. Appears to act as a link between growth factor receptor signaling and the apoptotic pathways.

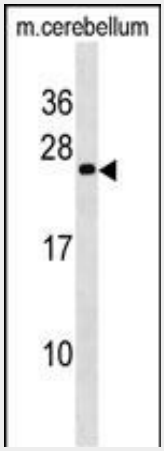
Cellular Location
Mitochondrion outer membrane. Cytoplasm. Note=Colocalizes with HIF3A isoform 2 in the cytoplasm (PubMed:21546903). Upon phosphorylation, locates to the cytoplasm.

mouse BAD Antibody (Center S112/S111/Y113) - Protocols

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

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

mouse BAD Antibody (Center S112/S111/Y113) - Images



Mouse BAD Antibody (Center S112/S111/Y113) (Cat. #AP18695c) western blot analysis in mouse cerebellum tissue lysates (35ug/lane).This demonstrates the BAD antibody detected the BAD protein (arrow).

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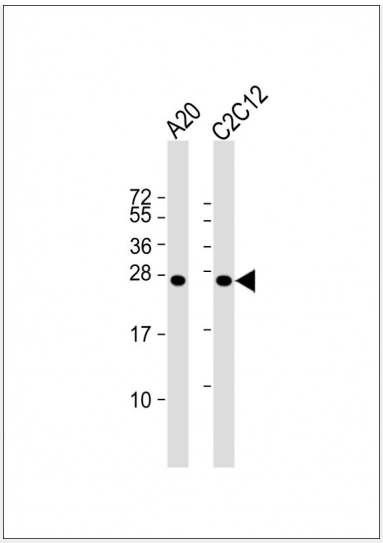

All lanes : Anti-mouse BAD Antibody at 1:1000 dilution Lane 1: A20 whole cell lysate Lane 2: C2C12 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 22 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

mouse BAD Antibody (Center S112/S111/Y113) - 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.

mouse BAD Antibody (Center S112/S111/Y113) - References

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Quoyer, J., et al. J. Biol. Chem. 285(3):1989-2002(2010)
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