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Mouse BAD Antibody (Center S134)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP19245c

Specification

Mouse BAD Antibody (Center S134) - Product Information

Application	**WB,E**
Primary Accession	Q61337
Other Accession	O35147, NP_031548.1
Reactivity	**Mouse**
Predicted	**Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit Ig**
Calculated MW	**22080**
Antigen Region	**112-141**

Mouse BAD Antibody (Center S134) - Additional Information

Gene ID 12015

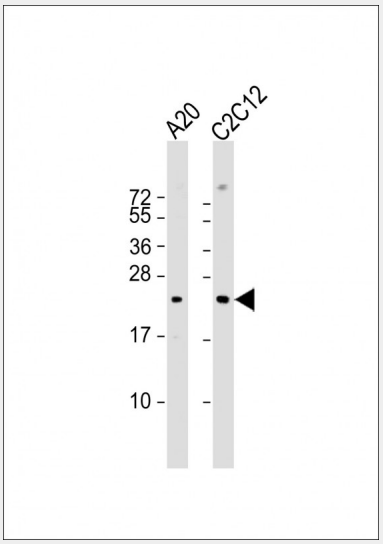
Other Names
Bcl2-associated agonist of cell death, BAD, Bcl-2-binding component 6, Bcl-xL/Bcl-2-associated death promoter, Bcl2 antagonist of cell death, Bad, Bbc6

Target/Specificity
This Mouse BAD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 112-141 amino acids from the Central region of mouse BAD.

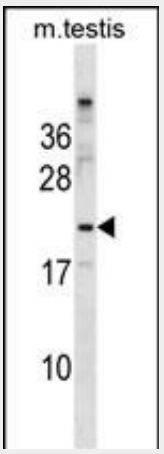
Dilution
WB~~1:1000

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



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 (S134) (Cat. #AP19245c) western blot analysis in mouse testis tissue lysates (35ug/lane).This demonstrates the BAD antibody detected the BAD protein (arrow).

cycles.

Precautions
Mouse BAD Antibody (Center S134) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse BAD Antibody (Center S134) - 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 S134) - 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 S134) - Background

BAD 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.

Mouse BAD Antibody (Center S134) - References

Santidrian, A.F., et al. Blood 116(16):3023-3032(2010)
Frenzel, A., et al. Blood 115(5):995-1005(2010)
Quoyer, J., et al. J. Biol. Chem. 285(3):1989-2002(2010)
Polzien, L., et al. J. Biol. Chem. 284(41):28004-28020(2009)
Wu, X., et al. Diabetologia 52(10):2130-2141(2009)