

Phospho-mouse BAD(S161) Antibody

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP3777c

Specification

Phospho-mouse BAD(S161) Antibody - Product Information

Application DB,E
Primary Accession Other Accession O35147,
NP 031548.1

Reactivity
Predicted
Host
Clonality
Isotype
Calculated MW

Mouse
Rat
Rabbit
Rabbit
Polyclonal
Rabbit Ig
22080

Phospho-mouse BAD(S161) Antibody - 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 phosphopeptide corresponding to amino acid residues surrounding S161 of mouse BAD.

Dilution

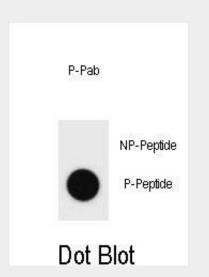
DB~~1:500

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.



Dot blot analysis of Phospho-mouse BAD-S161 Antibody Phospho-specific Pab (Cat. #AP3777c) on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.6ug per ml.

Phospho-mouse BAD(S161) Antibody - 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.

Phospho-mouse BAD(S161) Antibody - 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.





Precautions

Phospho-mouse BAD(S161) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

284(41):28004-28020(2009) Wu, X., et al. Diabetologia 52(10):2130-2141(2009)

Phospho-mouse BAD(S161) Antibody - 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.

Phospho-mouse BAD(S161) Antibody - 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