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Phospho-mouse BAD(S112) Antibody
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP3777b

Specification

Phospho-mouse BAD(S112) Antibody - Product Information

Application	**DB,E**
Primary Accession	Q61337
Other Accession	O35147, NP_031548.1
Reactivity	**Mouse**
Predicted	**Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**22080**

Phospho-mouse BAD(S112) 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 S112 of mouse BAD.

Dilution
DB~~1:500
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
Phospho-mouse BAD(S112) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Phospho-mouse BAD(S112) 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.

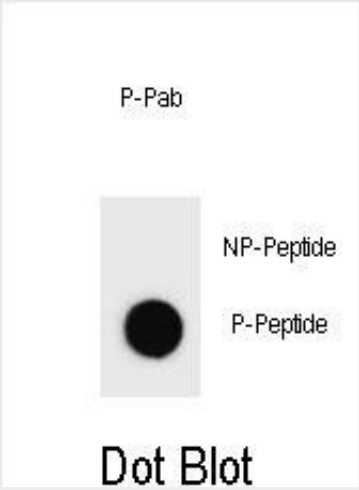
Cellular Location
Mitochondrion outer membrane. Cytoplasm. Note=Colocalizes with HIF3A isoform 2 in the cytoplasm (PubMed:21546903). Upon phosphorylation, locates to the cytoplasm.

Phospho-mouse BAD(S112) 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

Phospho-mouse BAD(S112) Antibody - Images



Dot blot analysis of Phospho-mouse BAD-S112 Antibody Phospho-specific Pab (Cat. #AP3777b) 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(S112) 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(S112) Antibody - References

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