

Phospho-mouse BAD(S111) Antibody
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP3777a

Specification

Phospho-mouse BAD(S111) Antibody - Product Information

Application	DB,E
Primary Accession	Q61337
Other Accession	Q35147 , NP_031548.1
Reactivity	Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	22080

Phospho-mouse BAD(S111) 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 S111 of mouse BAD.

Dilution

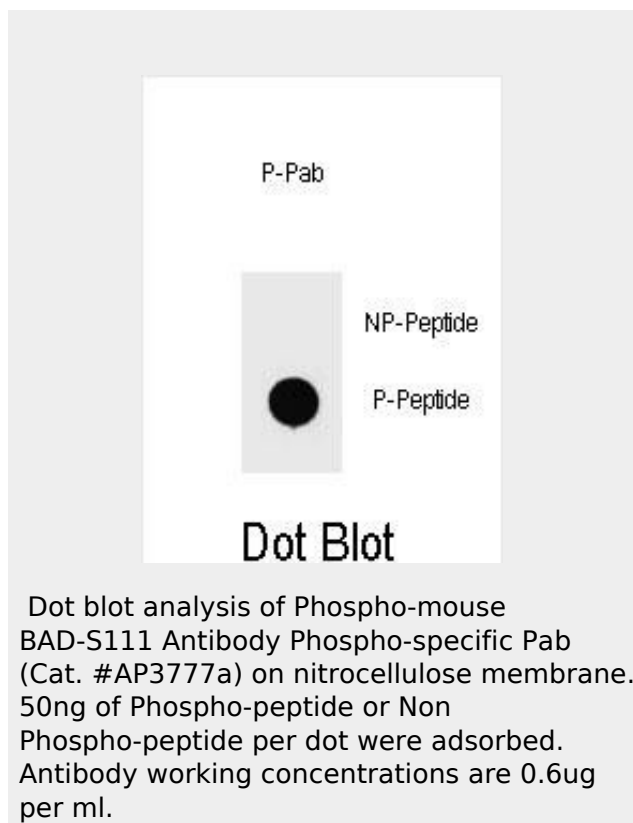
DB~~1:500

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.



Phospho-mouse BAD(S111) 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(S111) 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(S111) 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(S111) 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(S111) 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 Cytometry](#)
- [Cell Culture](#)