

Rabbit BAD Polyclonal Antibody | anti-BAD antibody

BAD (Phospho-Ser91/128) Antibody

CATALOG # AAA303460	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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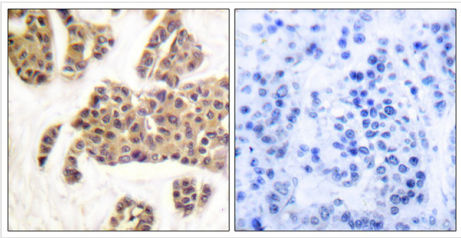
PRODUCT SYNONYMS

BAD; Polyclonal Antibody; BAD (Phospho-Ser91/128) Antibody; BBC6; BCL2L8; Bcl-XL/Bcl-2 associated death promoter; anti-BAD antibody

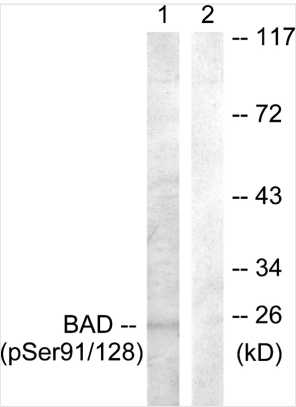
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of BAD only when phosphorylated at serine 91/ serine 128.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	168
Applicable Applications for anti-BAD antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Serine 91 (E-P-S(p)-P-F) derived from Human BAD or Serine 128 (E-P-S(p)-P-F) derived from Mouse BAD.
Modification	Phospho-Ser91/128
Target Name	BAD
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using BAD (Phospho-Ser91/128) antibody (left) or the same antibody preincubated with blocking peptide (right).



WB (Western Blot)
Western blot analysis of extracts from COS7 cells treated with TNF-a using BAD (Phospho-Ser91/128) Antibody. The lane on the right is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-BAD antibody	The protein encoded by BAD gene is a member of the BCL-2 family. BCL-2 family members are known to be regulators of programmed cell death. This protein positively regulates cell apoptosis by forming heterodimers with BCL-xL and BCL-2, and reversing their death repressor activity. Proapoptotic activity of this protein is regulated through its phosphorylation. Protein kinases AKT and MAP kinase, as well as protein phosphatase calcineurin were found to be involved in the regulation of this protein. Alternative splicing of this gene results in two transcript variants which encode the same isoform. Wang H.-G., Cell 87:629-638(1996). Otilie S., J. Biol. Chem. 272:30866-30872(1997). The MGC Project Team, Genome Res. 14:2121-2127(2004).
Product Categories/Family for anti-BAD antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835069
NCBI GeneID	572
NCBI Accession #	NP_004313.1
NCBI GenBank Nucleotide #	NM_004322.3
UniProt Accession #	Q92934; O14803; Q6FH21
Molecular Weight	18,392 Da
NCBI Official Full Name	bcl2 antagonist of cell death
NCBI Official Synonym Full Names	BCL2-associated agonist of cell death
NCBI Official Symbol	BAD
NCBI Official Synonym Symbols	BBC2; BCL2L8
NCBI Protein Information	bcl2-associated agonist of cell death
UniProt Protein Name	Bcl2-associated agonist of cell death
UniProt Gene Name	BAD
UniProt Synonym Gene Names	BBC6; BCL2L8; BAD; Bcl2-L-8
UniProt Entry Name	BAD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bad-antibody-immunohistochemistry-western-blot-elisa/303460>