

Rabbit anti-Human, Mouse BAD Polyclonal Antibody | anti-BAD antibody

BAD (Phospho-Ser112) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303336	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

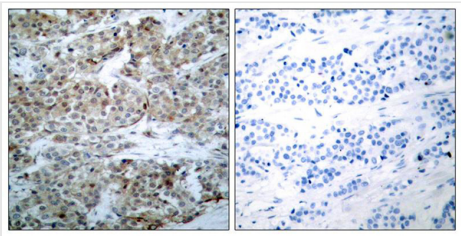
PRODUCT SYNONYMS

BAD; Polyclonal Antibody; BAD (Phospho-Ser112) Antibody; Bbc2; anti-BAD antibody

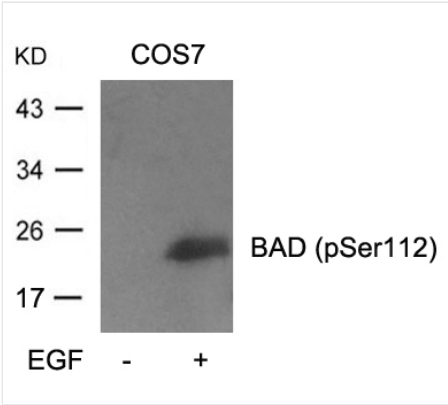
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of BAD only when phosphorylated at serine 112.
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	Supplied at 1.0mg/mL 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	204
Applicable Applications for anti-BAD antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 112 (H-S-S(p)-Y-P) derived from Mouse BAD.
Modification	Phospho-Ser112
Target Name	BAD
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using BAD(Phospho-Ser112) Antibody (left) or the same antibody preincubated with blocking peptide(right).



WB (Western Blot)
Western blot analysis of extracts from cos7 cells untreated or treated with EGF using BAD(Phospho-Ser112) Antibody

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.
Product Categories/Family for anti-BAD antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	6671610
NCBI GeneID	12015
NCBI Accession #	NP_031548.1
NCBI GenBank Nucleotide #	NM_007522.3
UniProt Accession #	Q61337
Molecular Weight	22,080 Da
NCBI Official Full Name	bcl2-associated agonist of cell death isoform 1
NCBI Official Synonym Full Names	BCL2-associated agonist of cell death
NCBI Official Symbol	Bad
NCBI Official Synonym Symbols	Bbc2; AI325008
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; BAD
UniProt Entry Name	BAD_MOUSE

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/303336>