



Rabbit Anti-Human BAD (Phospho-Ser112) polyclonal antibody (CABT-L3289)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Anti-Human Chk1 (Phospho-Ser345) polyclonal antibody. This antibody detects endogenous levels of BAD only when phosphorylated at Ser112.
Specificity	Target Modification: Phospho. Modification Sites: Human: S75; Mouse: S112; Rat: S113
Target	Human BAD (Phospho-Ser112)
Immunogen	The antiserum was produced against synthesized peptide derived from human BAD around the phosphorylation site of Ser112. Immunogen range: 78-127
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	WB, IHC, ELISA
Molecular Weight	18 kDa
Preparation	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Format	Liquid

Concentration	Lot specific
Size	100 µl
Buffer	Rabbit IgG in PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl and 50% glycerol.
Preservative	0.02% Sodium Azide
Storage	Stable at -20°C for at least 1 year.
Ship	Wet ice

BACKGROUND

Introduction	The protein encoded by this 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.
Keywords	BAD;BCL2-associated agonist of cell death;BBC2;BCL2L8;bcl2-associated agonist of cell death;bcl2-L-8;BCL2-binding protein;bcl-2-like protein 8;BCL2-binding component 6;bcl-2-binding component 6;BCL-X/BCL-2 binding protein;bcl2 antagonist of cell death;BCL2-antagonist of cell death protein;bcl-XL/Bcl-2-associated death promoter;

GENE INFORMATION

Gene Name	BAD BCL2-associated agonist of cell death [Homo sapiens (human)]
Official Symbol	BAD
Synonyms	BAD, BBC6, Bcl- XL/Bcl-2 associated death promoter, Bcl-2 binding component 6, Bcl-2-like 8 protein, Bcl-xL/Bcl-2 associated death promoter, Bcl2-antagonist of cell death, BCL2L8
Entrez Gene ID	572
UniProt ID	Q92934