



Rabbit Anti-Human BAX (Phospho-Thr167) polyclonal antibody (CABT-L3293)

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

PRODUCT INFORMATION

Product Overview	Rabbit Anti-Human c-Jun (Phospho-Ser63) polyclonal antibody. This antibody detects endogenous levels of Bax only when phosphorylated at Thr167.
Specificity	Target Modification: Phospho. Modification Sites: Human: T167; Mouse: T167; Rat: T167
Target	Human Bax (Phospho-Thr167)
Immunogen	The antiserum was produced against synthesized peptide derived from human Bax around the phosphorylation site of Thr167. Immunogen range: 133-182
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	IF, ELISA
Molecular Weight	21 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	50 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 belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein forms a heterodimer with BCL2, and functions as an apoptotic activator. This protein is reported to interact with, and increase the opening of, the mitochondrial voltage-dependent anion channel (VDAC), which leads to the loss in membrane potential and the release of cytochrome c. The expression of this gene is regulated by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis. Multiple alternatively spliced transcript variants, which encode different isoforms, have been reported for this gene.
Keywords	BAX;BCL2-associated X protein;BCL2L4;apoptosis regulator BAX;bcl2-L-4;Baxdelta2G9;Baxdelta2omega;Baxdelta2G9omega;bcl-2-like protein 4;BCL2-associated X protein omega;

GENE INFORMATION

Gene Name	BAX BCL2-associated X protein [Homo sapiens (human)]
Official Symbol	BAX
Synonyms	Apoptosis regulator BAX, Bcl-2-like protein 4, Bcl2-L-4 , BAX , BCL2L4
Entrez Gene ID	581
UniProt ID	Q07812