Datasheet for ABIN1539766

anti-BAD antibody (pSer34)

1 Image

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Overview

Quantity:	400 µL
Target:	BAD
Binding Specificity:	pSer34
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAD antibody is un-conjugated
Application:	Dot Blot (DB)

Product Details

Immunogen:	This BAD Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S34 of human BAD.
Clone:	RB39404
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	BAD
Alternative Name:	BAD (BAD Products)
Background:	The protein encoded by this gene is a member of the BCL-2 family. BCL-2 family members are

Target Details

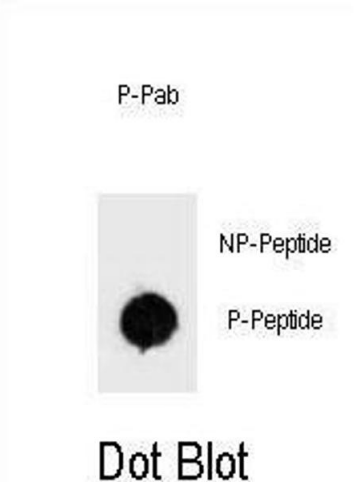
	known to be regulators of programmed cell death. This protein positively regulates cell apoptosis by forming heterodimers with BCL-xL and BCL-2, and reversing their death repressor activity. Proapoptotic activity of this protein is regulated through its phosphorylation. Protein kinases AKT and MAP kinase, 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. [provided by RefSeq].
Molecular Weight:	18392
Gene ID:	572
NCBI Accession:	NP_004313, NP_116784
UniProt:	Q92934
Pathways:	MAPK Signaling, PI3K-Akt Signaling, RTK Signaling, Apoptosis, Fc-epsilon Receptor Signaling Pathway, Positive Regulation of Peptide Hormone Secretion, Carbohydrate Homeostasis, Positive Regulation of Endopeptidase Activity, Regulation of Carbohydrate Metabolic Process, Hepatitis C, CXCR4-mediated Signaling Events

Application Details

Application Notes:	DB: 1:500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Phospho-BAD-S34 Antibody can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Dot Blot

Image 1. Dot blot analysis of Phospho-BAD-S34 Antibody Phospho-specific Pab m on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.6 µg per ml.