Datasheet for ABIN7265846

anti-BAD antibody (pSer112)

1 Image

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Overview

Quantity:	100 µL
Target:	BAD
Binding Specificity:	pSer112
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This BAD antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Phospho-Bad-S112 Rabbit mAb
Immunogen:	A phospho specific peptide corresponding to residues surrounding S112 of human Bad
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Phosphorylated Antibodies
Purification:	Affinity purification

Target Details

Target:	BAD
Alternative Name:	BAD (BAD Products)

Target Details

Background:	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. [provided by RefSeq, Jul 2008],BBC2, BCL2L8,Apoptosis,Apoptosis_Bcl 2 family,Apoptosis_Inhibition of Apoptosis,Apoptosis_Mitochondrial Control of Apoptosis,Cancer,Cell Biology & Developmental Biology,Endocrine & Metabolism,ErbB-HER Signaling Pathway,Immunology & Inflammation,Insulin Receptor Signaling Pathway,Invasion and Metastasis,MAPK-Erk Signaling Pathway,Neurodegenerative Diseases,Neuroscience,PI3K-Akt Signaling Pathway,Protein phosphorylation,Signal Transduction,BAD
Molecular Weight:	23kDa
Gene ID:	572
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:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

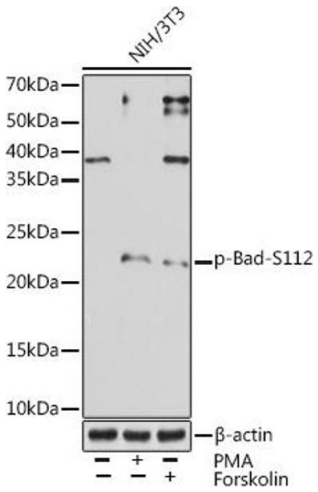
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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:	-20 °C

Handling

Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of NIH/3T3 cells, using Phospho-Bad-S112 Rabbit mAb (ABIN7265846) at 1:1000 dilution.NIH/3T3 cells were treated by PMA/TPA (200 nM) at 37 °C for 30 minutes after serum-starvation overnight or treated by Forskolin (30 uM) at 37 °C for 30 minutes after serum-starvation overnight.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % BSA.Detection: ECL Enhanced Kit (RM00021).Exposure time: 3 min.