

Datasheet for ABIN1531781
anti-BAD antibody (pSer75)



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2 Images

Overview

Quantity:	100 µL
Target:	BAD
Binding Specificity:	AA 78-127, pSer75
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAD antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human BAD around the phosphorylation site of Ser112.
Isotype:	IgG
Specificity:	BAD (Phospho-Ser112) Antibody detects endogenous levels of BAD only when phosphorylated at Ser112. PhosphorylationH:S75 M:S112 R:S113
Purification:	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.
Purity:	> 95 %

Target Details

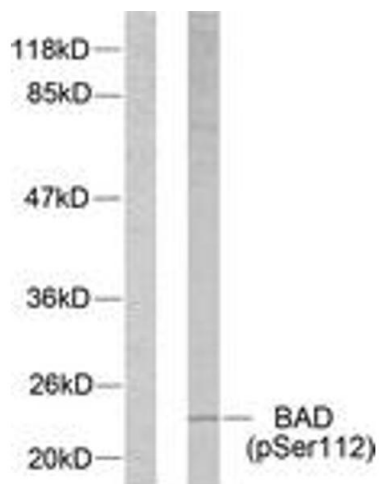
Target:	BAD
Alternative Name:	BAD (BAD Products)
Background:	Synonyms: BAD, BBC6, Bcl- XL/Bcl-2 associated death promoter, Bcl-2 binding component 6, Bcl-2-like 8 protein, Bcl-xL/Bcl-2 associated death promoter, Bcl2-antagonist of cell death, BCL2L8 NCBI Gene Symbol: BAD
Molecular Weight:	18 kDa
Gene ID:	572
OMIM:	603167
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: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:5000
Comment:	Unigene-Number: Hs.370254 (NCBI Gene Symbol: BAD)
Restrictions:	For Research Use only

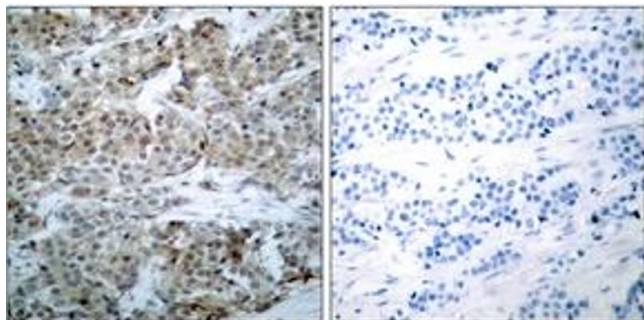
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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
Storage Comment:	Stable at -20°C for at least 1 year.



Western Blotting

Image 1. Western blot analysis of extracts from 293 cells treated with Forskolin, using BAD (Phospho-Ser112) Antibody. The lane on the left is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using BAD (Phospho-Ser112) Antibody. The picture on the right is treated with the synthesized peptide.