

Datasheet for ABIN543412  
**anti-BAD antibody (AA 100-130)**[Go to Product page](#)

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## Overview

Quantity:	400 µL
Target:	BAD
Binding Specificity:	AA 100-130
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAD antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of BAD.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to amino acids 100-130 of human BAD.
Cross-Reactivity:	Human, Mouse

## Target Details

Target:	BAD
Alternative Name:	Bcl-2-like 8 ( <a href="#">BAD Products</a> )
Gene ID:	572
Pathways:	<a href="#">MAPK Signaling</a> , <a href="#">PI3K-Akt Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">Apoptosis</a> , <a href="#">Fc-epsilon Receptor Signaling</a>

## Target Details

[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: Western Blot (1:1000)  
Immunohistochemistry (1:50-100)  
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: In PBS (0.09 % 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: Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

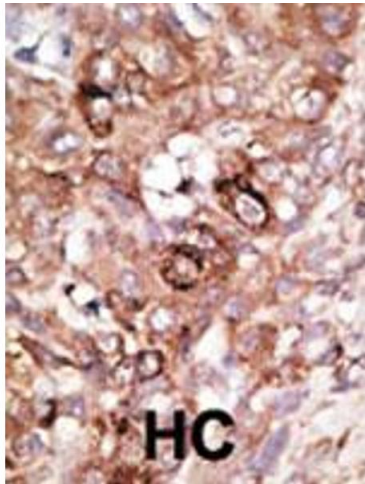
## Publications

Product cited in: Won, Kim, La, Kim, Meadows, Joe: "Cleavage of 14-3-3 protein by caspase-3 facilitates bad interaction with Bcl-x(L) during apoptosis." in: **The Journal of biological chemistry**, Vol. 278, Issue 21, pp. 19347-51, (2003) ([PubMed](#)).

Mabuchi, Ohmichi, Kimura, Hisamoto, Hayakawa, Nishio, Adachi, Takahashi, Arimoto-Ishida, Nakatsuji, Tasaka, Murata: "Inhibition of phosphorylation of BAD and Raf-1 by Akt sensitizes human ovarian cancer cells to paclitaxel." in: **The Journal of biological chemistry**, Vol. 277, Issue 36, pp. 33490-500, (2002) ([PubMed](#)).

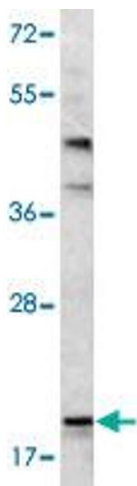
Cowburn, Cadwallader, Reed, Farahi, Chilvers: "Role of PI3-kinase-dependent Bad phosphorylation and altered transcription in cytokine-mediated neutrophil survival." in: **Blood**,

Images



Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with the BAD polyclonal antibody , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry ; clinical relevance has not been evaluated. HC = hepatocarcinoma.



Western Blotting

**Image 2.** Western blot analysis of mouse bladder tissue lysate (35 ug/lane) with BAD polyclonal antibody .