

# BAD(Ab-136) Antibody

Catalog No: #21063



Package Size: #21063-1 50ul #21063-2 100ul #21063-4 25ul

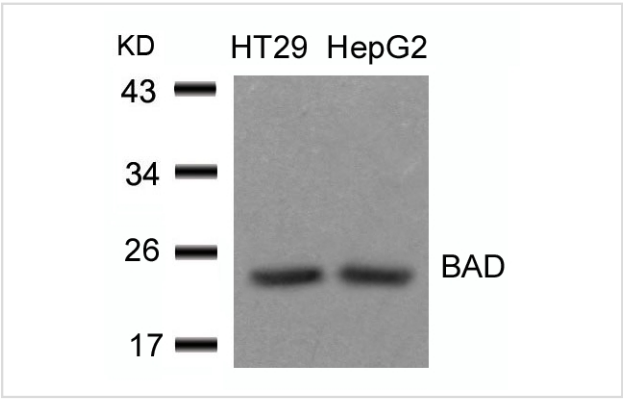
## Overview

Product Name	BAD(Ab-136) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC
Species Reactivity	Human Mouse Rat
Immunogen Type	Peptide-KLH
Target Name	BAD
Alternative Names	Bbc2

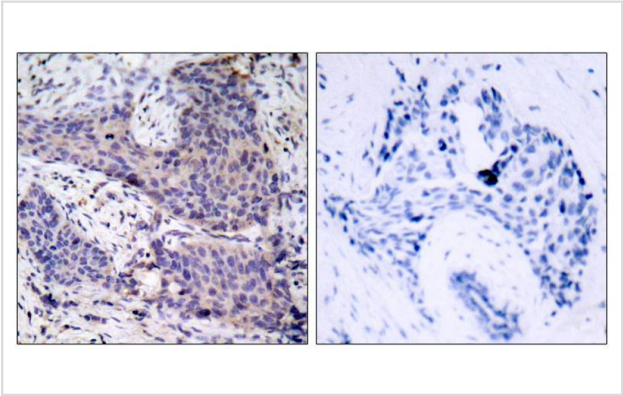
## Application Details

Predicted MW: 23kd
Western blotting: 1:500~1:1000
Immunohistochemistry: 1:50~1:100

## Images



Western blot analysis of extracts from HT29 and HepG2 cells using BAD(Ab-136) Antibody #21063.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using BAD(Ab-136) Antibody #21063(left) or the same antibody preincubated with blocking peptide(right).

## Descriptions

Immunogen	Peptide sequence around aa.134~138 (S-R-S-A-P) derived from Mouse BAD.
Specificity	The antibody detects endogenous level of total BAD protein.
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: Q61337NCBI Protein: NP_031548.1

## Related Information

The protein encoded by BAD 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.

Wang XQ, et al. (2001). J Biol Chem.276 (48): 44504-44511.

Lee YI, et al. (2001). J Biol Chem.276 (20): 16969-16977.

Maiti D, et al. (2001). J Biol Chem.276 (1): 329-333.

**Note:** This product is for in vitro research use only and is not intended for use in humans or animals.