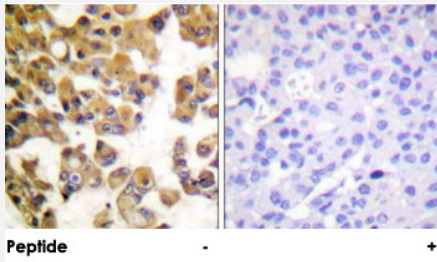


# BAD polyclonal antibody

Catalog # PAB18307      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using BAD polyclonal antibody (Cat # PAB18307).

Peptide "+" means "peptide blocking".

## Specification

**Product Description** Rabbit polyclonal antibody raised against synthetic peptide of BAD.

**Immunogen** A synthetic peptide corresponding to human BAD.

**Host** Rabbit

**Reactivity** Human, Mouse, Rat

**Specificity** This antibody is specific to BAD.

**Form** Liquid

**Purification** Affinity purification

**Concentration** 1 mg/mL

**Recommend Usage** Immunohistochemistry (1:50-1:100)  
ELISA (1:10000)  
The optimal working dilution should be determined by the end user.

**Storage Buffer** In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)

**Storage Instruction**

Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using BAD polyclonal antibody (Cat # PAB18307).

Peptide "+" means "peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — BAD

**Entrez GeneID**[572](#)**Protein Accession#**[Q92934](#)**Gene Name**

BAD

**Gene Alias**

BBC2, BCL2L8

**Gene Description**

BCL2-associated agonist of cell death

**Omim ID**[603167](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

**Other Designations**

BCL-X/BCL-2 binding protein|BCL2-antagonist of cell death protein|BCL2-binding component 6|BCL2-binding protein

## Publication Reference

- [The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection \(MGC\).](#)

Gerhard DS, Wagner L, Feingold EA, Shenmen CM, Grouse LH, Schuler G, Klein SL, Old S, Rasooly R, Good P, Guyer M, Peck AM, Derge JG, Lipman D, Collins FS, Jang W, Sherry S, Feolo M, Misquitta L, Lee E, Rotmistrovsky K, Greenhut SF, Schaefer CF, Buetow K, Bonner TI, Haussler D, Kent J, Kiekhaus M, Furey T, Brent M, Prange C, Schreiber K, Shapiro N, Bhat NK, Hopkins RF, Hsie F, Driscoll T, Soares MB, Casavant TL, Scheetz TE, Brownstein MJ, Usdin TB, Toshiyuki S, Carninci P, Piao Y, Dudekula DB, K

Genome Research 2004 Oct; 14(10B):2121.

## Pathway

- [Acute myeloid leukemia](#)
- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Apoptosis](#)
- [Chronic myeloid leukemia](#)
- [Colorectal cancer](#)
- [Endometrial cancer](#)
- [ErbB signaling pathway](#)
- [Focal adhesion](#)
- [Insulin signaling pathway](#)
- [Melanoma](#)
- [Neurotrophin signaling pathway](#)
- [Non-small cell lung cancer](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [VEGF signaling pathway](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lymphoma](#)
- [Parkinson disease](#)
- [Thyroid Neoplasms](#)