BAD(Ab-155) Antibody

Catalog No: #21064

Package Size: #21064-1 50ul   #21064-2 100ul   #21064-4 25ul

Description

<table>
<thead>
<tr>
<th>Product Name</th>
<th>BAD(Ab-155) Antibody</th>
</tr>
</thead>
<tbody>
<tr>
<td>Host Species</td>
<td>Rabbit</td>
</tr>
<tr>
<td>Clonality</td>
<td>Polyclonal</td>
</tr>
<tr>
<td>Purification</td>
<td>Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.</td>
</tr>
</tbody>
</table>

Applications

- WB IHC

Species Reactivity

- Hu

Specificity

The antibody detects endogenous level of total BAD protein.

Immunogen Type

- Peptide-KLH

Immunogen Description

Peptide sequence around aa.153~157 (R-M-S-D-E) derived from Mouse BAD.

Target Name

BAD

Other Names

Bbc2

Accession No.

Swiss-Prot: Q61337NCBI Protein: NP_031548.1

Concentration

1.0mg/ml

Formulation

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), 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.

Application Details

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

Images

Western blot analysis of extracts from 293 cells using BAD(Ab-155) Antibody #21064 and the same antibody preincubated with blocking peptide.
Background

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.


Published Papers

Yi Huang, Dan Liu, Bojiang Chen et al., Loss of Bad expression confers poor prognosis in non-small cell lung cancer, Med Oncol, 29(3);16485C1655(2012)

PMID:21918885

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