

Datasheet for ABIN3030133  
**anti-BAD antibody (pTyr110)**



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2 Images

## Overview

|                      |                                    |
|----------------------|------------------------------------|
| Quantity:            | 0.4 mL                             |
| Target:              | BAD                                |
| Binding Specificity: | pTyr110                            |
| Reactivity:          | Human                              |
| Host:                | Rabbit                             |
| Clonality:           | Polyclonal                         |
| Conjugate:           | This BAD antibody is un-conjugated |
| Application:         | ELISA, Dot Blot (DB)               |

## Product Details

|                             |                                                                                                                                                                                   |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:                  | This phospho-BAD antibody was produced from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding pY110 of human BAD. |
| Isotype:                    | Ig Fraction                                                                                                                                                                       |
| Cross-Reactivity (Details): | Expected species reactivity: Mouse, Rat                                                                                                                                           |
| Purification:               | Antigen affinity purified                                                                                                                                                         |

## Target Details

|                   |                                      |
|-------------------|--------------------------------------|
| Target:           | BAD                                  |
| Alternative Name: | Bad ( <a href="#">BAD Products</a> ) |

## Target Details

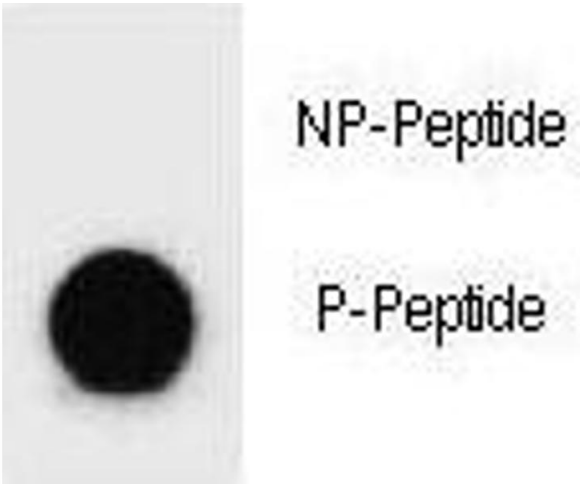
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | 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]. |
| UniProt:    | <a href="#">Q92934</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 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 Pathway</a> , <a href="#">Positive Regulation of Peptide Hormone Secretion</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Hepatitis C</a> , <a href="#">CXCR4-mediated Signaling Events</a>                                                                                                                            |

## Application Details

|                    |                                                                                                                                              |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Titration of the phospho-BAD antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Dot blot: 1:500 |
| Restrictions:      | For Research Use only                                                                                                                        |

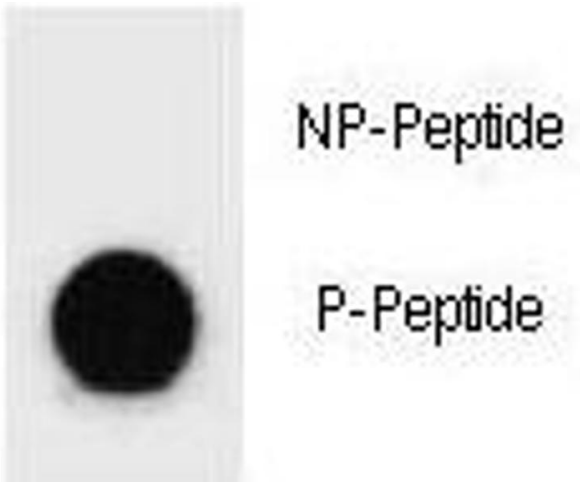
## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Buffer:            | In 1X PBS, pH 7.4, with 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:           | -20 °C                                                                                                                 |
| Storage Comment:   | Aliquot the phospho-BAD antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.               |



**Dot Blot**

**Image 1.** Dot blot analysis of phospho-BAD antibody. 50ng of phos-peptide or nonphos-peptide per dot were spotted.



**Dot Blot**

**Image 2.** Dot blot analysis of phospho-BAD antibody. 50ng of phos-peptide or nonphos-peptide per dot were spotted.