

Datasheet for ABIN7453524 **anti-BAD antibody (AA 1-50)**

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Overview

Quantity:	100 µg
Target:	BAD
Binding Specificity:	AA 1-50
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAD antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-BAD Antibody, Affinity Purified
Immunogen:	between AA 1 and 50
Isotype:	IgG
Predicted Reactivity:	Rat
Purification:	Affinity Purified

Target Details

Target:	BAD
Alternative Name:	BAD (BAD Products)

Target Details

Background:	Background: BAD (Bcl2 agonist of cell death) 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 [taken from NCBI Entrez Gene (GeneID:572)].
Gene ID:	572
NCBI Accession:	NP_004313
UniProt:	Q92934
Pathways:	MAPK Signaling , PI3K-Akt Signaling , RTK Signaling , Apoptosis , Fc-epsilon Receptor Signaling 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:	IHC: 1:1,000 - 1:5,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 5 - 10 µg/mg lysate WB: Not recommended. ABIN7453524 has not performed satisfactorily when used for WB of BAD in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of BAD.
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 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

Handling

Expiry Date: 12 months