Datasheet for ABIN6282881

anti-BAD antibody (AA 30-110)

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Overview

Quantity:	50 µL
Target:	BAD
Binding Specificity:	AA 30-110
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAD antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Bad is a protein encoded by the BAD gene which is approximately 18,4 kDa. Bad is localised to the mitochondrion outer membrane and cytoplasm. It is involved in RET signalling, common cytokine receptor gamma-chain family signalling pathways, glioma and the development HGF signalling pathway. It positively regulates cell apoptosis by forming heterodimers with BCL-xL and BCL-2, and reversing their death repressor activity. It also appears to act as a link between growth factor receptor signalling and the apoptotic pathways. Bad is widely expressed in a wide variety of tissues. Mutations in the BAD gene may result in adrenal cortical adenocarcinoma and endometrial cancer. STJ91797 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of Bad protein.
Immunogen:	Synthesized peptide derived from human Bad around the non-phosphorylation site of S91.
Isotype:	IgG

Product Details

Specificity:	Bad Polyclonal Antibody detects endogenous levels of Bad protein.
Characteristics:	Rabbit polyclonal to Bad.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	BAD
Alternative Name:	Bad (BAD Products)
Molecular Weight:	24 kDa
Gene ID:	572
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 1:100-1:300 ELISA 1:10000
Comment:	Expressed in a wide variety of tissues.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % 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

Handling

Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.