





Bad Polyclonal Antibody

Catalog No	YP-Ab-00305
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	BAD
Protein Name	Bcl2 antagonist of cell death
Immunogen	The antiserum was produced against synthesized peptide derived from human BAD. AA range:102-151
Specificity	Bad Polyclonal Antibody detects endogenous levels of Bad protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000 IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BAD; BBC6; BCL2L8; Bcl2 antagonist of cell death; BAD; Bcl-2-binding component 6; Bcl-2-like protein 8; Bcl2-L-8; Bcl-XL/Bcl-2-associated death promoter
Observed Band	18kD
Cell Pathway	Mitochondrion outer membrane. Cytoplasm . Colocalizes with HIF3A in the cytoplasm (By similarity). Upon phosphorylation, locates to the cytoplasm
Tissue Specificity	Expressed in a wide variety of tissues.
Function	domain:Intact BH3 motif is required by BIK, BID, BAK, BAD and BAX for their pro-apoptotic activity and for their interaction with anti-apoptotic members of the Bcl-2 family.,function:Promotes cell death. Successfully competes for the binding to Bcl-X(L), Bcl-2 and Bcl-W, thereby affecting the level of heterodimerization of these proteins with BAX. Can reverse the death repressor activity of Bcl-X(L), but not that of Bcl-2 (By similarity). Appears to act as a link between growth factor receptor signaling and the apoptotic pathways.,online information:Bcl 2-associated death promoter entry,PTM:Phosphorylated on one or more of Ser-75, Ser-99, Ser-118 and Ser-134 in response to survival stimuli, which blocks its pro-apoptotic activity. Phosphorylation on Ser-99 or Ser-75 promotes heterodimerization with 14-3-3 proteins. This interaction then facilitates the phosphorylation at Ser-118, a site



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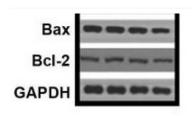


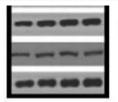
ein is regulated through its phosphorylation. Protein kinases AKT and MAP se, as well as protein phosphatase calcineurin were found to be involved in egulation of this protein. Alternative splicing of this gene results in two script variants which encode the same isoform. [provided by RefSeq, Jul 8],
d repeated freezing and thawing!
product can be used in immunological reaction related experiments. For information, please consult technical personnel.

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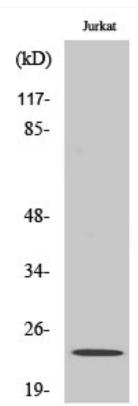


Products Images

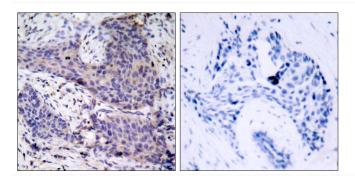




Chen, Xiao-Meng, et al. "Chelerythrine chloride induces apoptosis in renal cancer HEK-293 and SW-839 cell lines." Oncology letters 11.6 (2016): 3917-3924.



Western Blot analysis of various cells using Bad Polyclonal Antibody



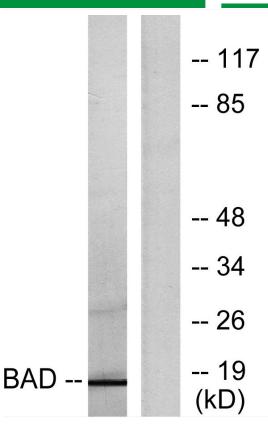
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using BAD Antibody. The picture on the right is blocked with the synthesized peptide.



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Western blot analysis of lysates from 293 cells, treated with Forskolin, using BAD Antibody. The lane on the right is blocked with the synthesized peptide.