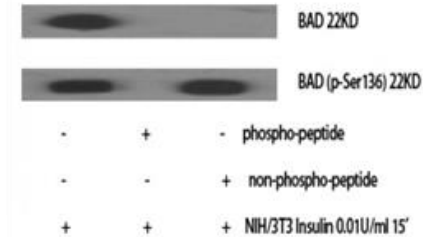


Phospho-Bad (Ser136) antibody

ALTERNATE NAMES:	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
CATALOG NO. :	A1019-100
AMOUNT:	100 ul
HOST:	Rabbit
Isotype:	IgG
CLONALITY:	Polyclonal
IMMUNOGEN:	Synthesized peptide derived from human Bad around the phosphorylation site of Ser136
PURIFICATION:	Affinity purified
MOLECULAR WEIGHT:	24 kDa
FORM:	Liquid
FORMULATION:	100 ug (1mg/ml) of affinity purified rabbit phospho-Bad (Ser136) polyclonal antibody in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide
SPECIES REACTIVITY:	Human, Mouse, Rat
STORAGE CONDITIONS:	Store at -20°C. Avoid repeated freeze/thaw cycles.
DESCRIPTION:	Bad is a member of the Bcl-2 family protein that selectively dimerize with Bcl-xL and Bcl-2 resulting in cell death. Survival factors such as IL-3 can inhibit the apoptotic activity of Bad by activating intracellular signaling pathways that result in the phosphorylation of Bad at Ser112 and Ser 136. Phosphorylation at these sites results in the binding of Bad to 14-3-3 proteins and the inhibition of Bad binding to Bcl-xL and Bcl-2. Recently, Akt has also been shown to promote cell survival via its ability to phosphorylate Bad at Ser136.
SPECIFICITY:	Phospho-Bad (Ser136) Polyclonal Antibody detects endogenous levels of Bad protein only when phosphorylated at Ser136.

APPLICATIONS: Western Blot 1:500-1:2000
Immunohistochemistry 1:100-1:300
ELISA 1:20000

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western Blot analysis of NIH-3T3 cells using Phospho-Bad (Ser136) Polyclonal Antibody

RELATED PRODUCTS:

- Phospho-Bad Antibody (Cat. No. 3269-100)
- Bad Antibody (Cat. No. 3005-100)
- ABAD/HADH2 Antibody (Cat. No. 3246-100)
- Bim/Bod Antibody (Cat. No. 3124-100)
- ABAD/HADH2 Blocking Peptide (Cat. No. 3246BP-50)
- pGB BAD siRNA Vector Mix(Cat. No. 9512-60)

FOR RESEARCH USE ONLY! Not to be used on humans.