

**Bad (phospho Ser155) rabbit pAb****Cat#: orb764146 (Manual)**

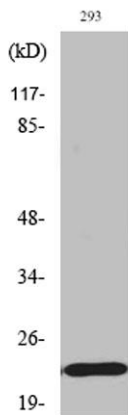
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<b>Product Name</b>	Bad (phospho Ser155) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human BAD around the phosphorylation site of Ser155. AA range:119-168
<b>Specificity</b>	Phospho-Bad (S155) Polyclonal Antibody detects endogenous levels of Bad protein only when phosphorylated at S155.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Bcl2 antagonist of cell death
<b>Gene Name</b>	BAD
<b>Cellular localization</b>	Mitochondrion outer membrane. Cytoplasm . Colocalizes with HIF3A in the cytoplasm (By similarity). Upon phosphorylation, locates to the cytoplasm. .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

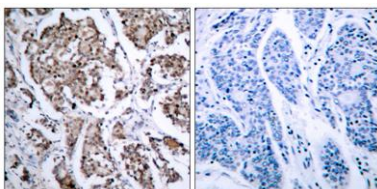
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	572
<b>Human Swiss-Prot Number</b>	Q92934
<b>Alternative Names</b>	BAD; BBC6; BCL2L8; Bcl2 antagonist of cell death; BAD; Bcl-2-binding component 6; Bcl-2-like protein 8; Bcl2-L-8; Bcl-XL/Bcl-2-associated death promoter

**Background**

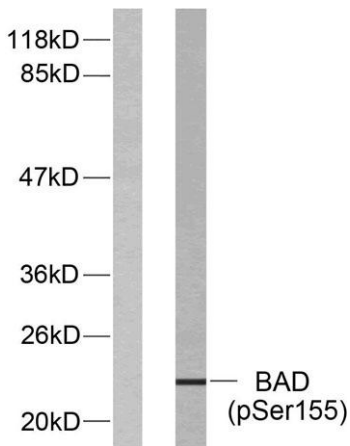
The protein encoded by this gene is a member of the BCL-2 family. BCL-2 family members are known to be regulators of programmed cell death. This protein positively regulates cell apoptosis by forming heterodimers with BCL-xL and BCL-2, and reversing their death repressor activity. Proapoptotic activity 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, Jul 2008],



**Western Blot analysis of various cells using Phospho-Bad (S155) Polyclonal Antibody**



**Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using BAD (Phospho-Ser155) Antibody. The picture on the right is blocked with the phospho peptide.**



Western blot analysis of lysates from 293 cells treated with Forskolin, using BAD (Phospho-Ser155) Antibody. The lane on the left is blocked with the phospho peptide.