

Cleaved-Bad (D71) rabbit pAb

Cat#: orb763905 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	Cleaved-Bad (D71) rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from mouse BAD. AA range:21-70
Specificity	Cleaved-Bad (D71) Polyclonal Antibody detects endogenous levels of fragment of activated Bad protein resulting from cleavage adjacent to D71.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Bcl2 antagonist of cell death
Gene Name	BAD
Cellular localization	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

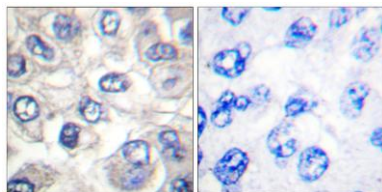
Concentration	1 mg/ml
Observed band	20kD
Human Gene ID	
Human Swiss-Prot Number	
Alternative Names	BAD; BBC6; BCL2L8; Bcl2 antagonist of cell death; BAD; Bcl-2-binding component 6; Bcl-2-like protein 8; Bcl2-L-8; Bcl-XL/Bcl-2-associated death promoter

Background

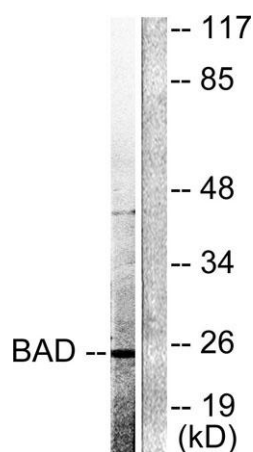
BCL2 associated agonist of cell death encoded by BAD is a member of the BCL-2 family. BCL-2 family members are known to be regulators of programmed cell death. BCL2 associated agonist of cell death positively regulates cell apoptosis by forming heterodimers with BCL-xL and BCL-2, and reversing their death repressor activity. Proapoptotic activity of BCL2 associated agonist of cell death 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 BCL2 associated agonist of cell death. Alternative splicing of BAD results in two transcript variants which encode the same isoform.



Western Blot analysis of various cells using Cleaved-Bad (D71) Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using BAD (Cleaved-Asp71) Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from 293 cells, treated with Etoposide 25uM 60', using BAD (Cleaved-Asp71) Antibody. The lane on the right is blocked with the synthesized peptide.