

## Product datasheet for **TA420087**

### Phospho-BAD Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB,1:2000 - 1:8000 IHC-P,1:500 - 1:1000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A phospho specific peptide corresponding to residues surrounding S112 of human Bad.
Formulation:	Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	18kDa - Observed MW: 23kDa
Gene Name:	BCL2 associated agonist of cell death
Database Link:	<a href="#">Entrez Gene 572 Human Q92934</a>

**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 (B-cell lymphoma-extra large) 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.

**Synonyms:** BBC2; BCL2L8



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