# Phospho-BAD (Ser155) Ab

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| Cat.#: AF3471 | Concn.: 1mg/ml | Mol.Wt.: 23kDa |
| Size: 100ul,200ul | Source: Rabbit | Clonality: Polyclonal |

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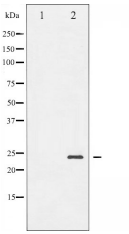
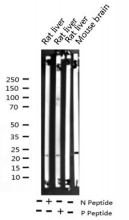
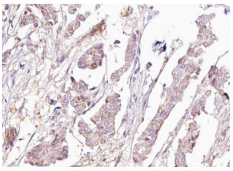
| Application: | WB 1:500-1:2000 IHC 1:50-1:200, IF/ICC 1:100-1:500 |
| Reactivity: | Human,Mouse,Rat |
| Purification: | The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns. |
| Specificity: | Phospho-BAD (Ser155) Ab detects endogenous levels of BAD only when phosphorylated at Serine 155 |
| Immunogen: | A synthesized peptide derived from human BAD around the phosphorylation site of Serine 155 |
| Uniprot: | Q92934 |
| Description: | 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. |
| Subcellular Location: | Mitochondrion outer membrane. Cytoplasm. Upon phosphorylation, locates to the cytoplasm. |
| Tissue Specificity: | Expressed in a wide variety of tissues. |
| Similarity: | 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.Belongs to the Bcl-2 family. |
| Storage Condition and Buffer: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt |



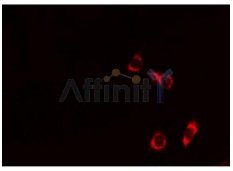

Western blot analysis of BAD phosphorylation expression in Forskolin treated 293 whole cell lysates,The lane on the left is treated with the antigen-specific peptide.




Western blot analysis of Phospho-BAD (Ser155) expression in various lysates



AF3471 at 1/100 staining human Breast carcinoma tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



AF3471 staining 293 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An  Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab(Cat.# S0006), diluted at 1/600, was used as secondary Ab.

*IMPORTANT:* For western blot, incubate membrane with diluted Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.