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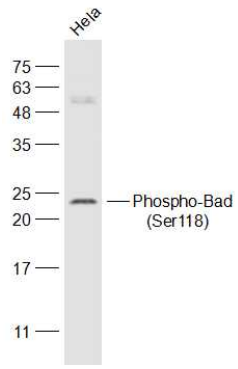
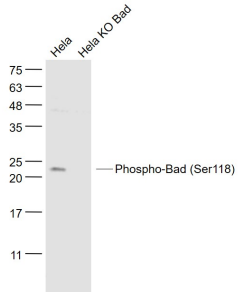
Phospho-Bad (Ser118) Rabbit pAb

Catalog Number:	bs-5216R
Target Protein:	Phospho-Bad (Ser118)
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	**WB** (1:500-2000), **IHC-P** (1:100-500), **IHC-F** (1:100-500), **IF** (1:100-500), **Flow-Cyt** (2ug/Test)
Reactivity:	Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Dog, Horse)
Predicted MW:	22 kDa
Subcellular Locations:	Cell membrane ,Cytoplasm
Entrez Gene:	572
Swiss Prot:	Q92934
Source:	KLH conjugated Synthesised phosphopeptide derived from human BAD around the phosphorylation site of Ser118: RM(p-S)DE.
Purification:	affinity purified by Protein G
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	Bad is a member of the Bcl2 family and acts to promote apoptosis by forming heterodimers with the survival proteins Bcl2 and BclxL, thus preventing them from binding with BAX. Bad is found on the outer mitochondrial membrane and, once phosphorylated in response to growth stimuli, translocates to the cytoplasm. The phosphorylation status of Bad represents a key checkpoint for death or cell survival. JNK-induced phosphorylation of BAD serine 128 promotes the apoptotic role of Bad by opposing the inhibitory effect of growth factor on Bad-mediated apoptosis. Cdc2-induced phosphorylation of Bad serine 128 has an inhibitory effect on its interaction with 14-3-3 proteins. The latter interaction is critical for Bad phosphorylation at serine 155, a site within the BH3 domain that leads to the release of BclxL and the promotion of cell survival. Alternative splicing of this gene results in two transcript variants which encode the same isoform.

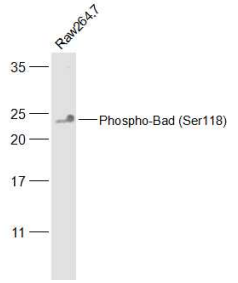
VALIDATION IMAGES



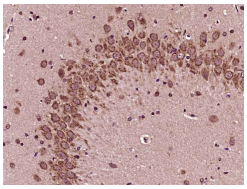
Sample: Hela(Human) Cell Lysate at 30 ug Primary: Anti-Phospho-Bad (Ser118) (bs-5216R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 22 kD Observed band size: 22 kD



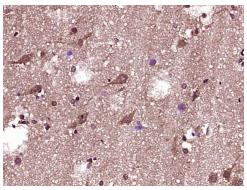
Sample: Hela(Human) Cell Lysate at 30 ug Hela KO Bad (Human) Cell Lysate at 30 ug Primary: Anti- Phospho-Bad (Ser118) (bs-5216R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 22 kD Observed band size: 22 kD



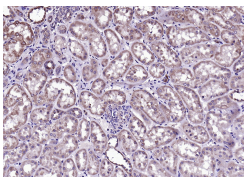
Sample: Raw264.7(Mouse) Cell Lysate at 30 ug Primary: Anti-Phospho-Bad (Ser118) (bs-5216R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 22 kD Observed band size: 22 kD



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Phospho-Bad (Ser118)) Polyclonal Antibody, Unconjugated (bs-5216R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Phospho-Bad (Ser118)) Polyclonal Antibody, Unconjugated (bs-5216R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Phospho-Bad (Ser118)) Polyclonal Antibody, Unconjugated (bs-5216R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.