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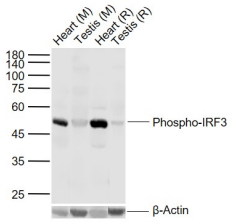
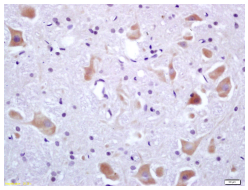
Phospho-IRF3 (Ser396) Rabbit pAb

Catalog Number:	bs-3195R
Target Protein:	Phospho-IRF3 (Ser396)
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)
Reactivity:	Human, Mouse, Rat (predicted:Pig, Sheep, Cow, Dog)
Predicted MW:	47 kDa
Entrez Gene:	3661
Swiss Prot:	Q14653
Source:	KLH conjugated synthesised phosphopeptide derived from human IRF3 around the phosphorylation site of Ser396: LHI(p-S)NS.
Purification:	affinity purified by Protein A
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:	This gene encodes a member of the interferon regulatory transcription factor (IRF) family. The encoded protein is found in an inactive cytoplasmic form that upon serine/threonine phosphorylation forms a complex with CREBBP. This complex translocates to the nucleus and activates the transcription of interferons alpha and beta, as well as other interferon-induced genes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011].

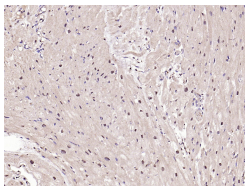
VALIDATION IMAGES



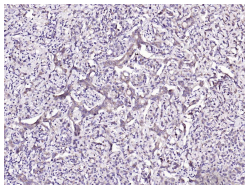
Sample: Lane 1: Mouse Heart tissue lysates Lane 2: Mouse Testis tissue lysates Lane 3: Rat Heart tissue lysates Lane 4: Rat Testis tissue lysates Primary: Anti-Phospho-IRF3 (Ser396) (bs-3195R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 47 kDa Observed band size: 47 kDa



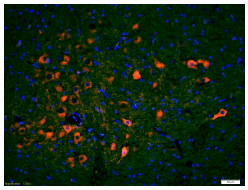
Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-Phospho-IRF3(Ser396) Polyclonal Antibody, Unconjugated(bs-3195R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (human myocardium); 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-IRF3 (Ser396)) Polyclonal Antibody, Unconjugated (bs-3195R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human gastric carcinoma); 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-IRF3 (Ser396)) Polyclonal Antibody, Unconjugated (bs-3195R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Tissue/cell: rat brain tissue;4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-Phospho-IRF3(Ser396) Polyclonal Antibody, Unconjugated(bs-3195R) 1:200, overnight at 4°C; The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated (bs-0295G-Cy3)used at 1:200 dilution for 40 minutes at 37°C. DAPI(5ug/ml,blue,C-0033) was used to stain the cell nuclei

PRODUCT SPECIFIC PUBLICATIONS

[IF=19.456] Ting-Jing Shen. et al. Hyperglycemia exacerbates dengue virus infection by facilitating poly(A)-binding protein-mediated viral translation. J CLIN INVEST. 2022 Sep;():142805 WB ; Hamster . 36125898

[IF=17] Gallage Suchira. et al. Ribosomal S6 kinase 1 regulates inflammaging via the senescence secretome. Nature Aging. 2024 Aug;:1-18 IHC ; Mouse . 39210150

[IF=15.8] Loretah Chibaya. et al. Nanoparticle delivery of innate immune agonists combined with senescence-inducing agents promotes T cell control of pancreatic cancer. SCI TRANSL MED. 2024 Aug;16(762) IF ; Mouse . 39196958

[IF=8] Xiaomei Jiang. et al. A pH-Sensitive Nanoparticle as Reactive Oxygen Species Amplifier to Regulate Tumor Microenvironment and Potentiate Tumor Radiotherapy. INT J NANOMED. 2024 Jan 22 WB ; Mouse . 10.2147/IJN.S436160

[IF=5.61] Ando, Makoto, et al. "Poly (I: C) impairs NO donor-induced relaxation by overexposure to NO via the NF-kappa B/iNOS pathway in rat superior mesenteric arteries." Free Radical Biology and Medicine (2017). WB ; ="Rat" . 28870522