bs-3195R **[Primary Antibody]**

phospho-IRF3 (Ser396) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 3661 **SWISS:** Q14653

Target: IRF3 (Ser396)

Immunogen: KLH conjugated synthesised phosphopeptide derived from human IRF3 around the phosphorylation site of Ser396: LHI(p-S)NS.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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].

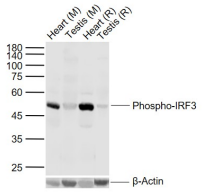
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Human, Mouse, Rat (predicted: Pig, Sheep, Cow, Dog)

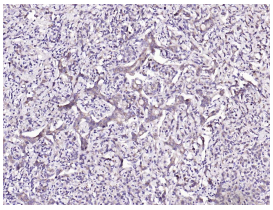
Predicted MW.: 47 kDa

Subcellular Location: Cytoplasm ,Nucleus

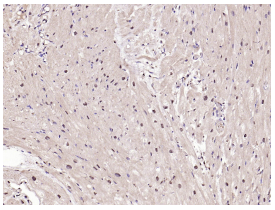
VALIDATION IMAGES



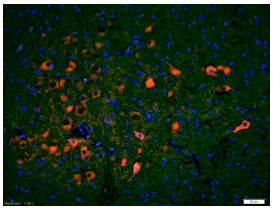
Sample: Lane 1: Mouse Heart tissue lysates Lane 2: Mouse Testis tissue lysates Lane 3: Rat Heart tissue lysates Lane 4: Rat Testis tissue lysates Primary: Anti-Phospho-IRF3 (Ser396) (bs-3195R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 47 kDa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



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.



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.



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

SELECTED CITATIONS

- **[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=19]** Bingchen Zhang. et al. Precise RNA Editing: Cascade Self-Uncloaking Dual-Prodrug Nanoassemblies Based on CRISPR/Cas13a for Pleiotropic Immunotherapy of PD-L1-Resistant Colorectal Cancer. ADV FUNCT MATER. 2023 Sep;:2305630 WB ;Mouse. 10.1002/adfm.202305630
- **[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=11.7]** Ran Cheng. et al.Intratumoral antigen-presenting cell activation by a nanovesicle for the concurrent tertiary lymphoid structure de novo neogenesis.science advances.2025 Feb 21;11(8):eadr1299. ;Mouse. 39970209