bs-9278R **[Primary Antibody]**

phospho-IRF3 (Ser386) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 3661 **SWISS:** Q14653

Target: IRF3 (Ser386)

Immunogen: KLH conjugated synthesised phosphopeptide derived from human IRF3 around the phosphorylation site of Ser386: S(p-S)LE.

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].

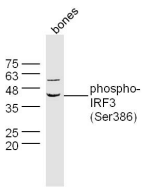
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:50-200)
Flow-Cyt (1ug/test)

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

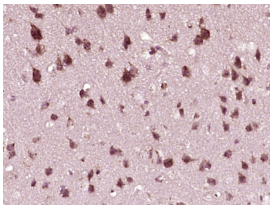
Predicted MW.: 47 kDa

Subcellular Location: Cytoplasm ,Nucleus

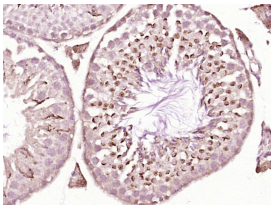
VALIDATION IMAGES



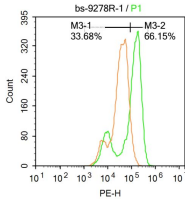
Sample: Bones (Mouse) Lysate at 40 ug Primary: Anti-phospho-IRF3 (Ser386) (bs-9278R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 47 kD Observed band size: 47 kD



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); 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 (IRF3 (Ser386)) Polyclonal Antibody, Unconjugated (bs-9278R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse testis tissue); 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 (IRF3 (Ser386)) Polyclonal Antibody, Unconjugated (bs-9278R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Blank control:A431. Primary Antibody (green line): Rabbit Anti-phospho-IRF3 (Ser386) antibody (bs-9278R) Dilution: 1µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-

AF647 Dilution: 1μg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at-20°C. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

SELECTED CITATIONS

- **[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=9.7]** Siyuan Luo. et al. Outer Membrane Vesicle-Wrapped Manganese Nanoreactor for Augmenting Cancer Metalloimmunotherapy through Hypoxia Attenuation and Immune Stimulation. ACTA BIOMATER. 2024 May;: IF,WB ;Mouse. 38734282
- **[IF=8.5]** Sihuan Zhang. et al. The effect and mechanism of sanguinarine against PCV2 based on the analysis of network pharmacology and TMT quantitative proteomics. INT J BIOL MACROMOL. 2025 Jan;:139767 WB ;Pig. 39800034
- **[IF=8.823]** Wang Shang. et al. Early activation of Toll-like receptor-3 reduces the pathological progression of Alzheimer’ s disease in APP/PS1 mouse. ALZHEIMERS RES THER. 2023 Dec;15(1):1-17 WB ;Mouse. 36797783
- **[IF=6.8]** Hong-Fei Wang. et al. Jujuboside B alleviates acetaminophen-induced hepatotoxicity in mice by regulating Nrf2-STING signaling pathway. ECOTOX ENVIRON SAFE. 2024 Jan;269:115810 IHC,WB ;Mouse. 38100849