

## Anti-Phospho-IRF3 (Ser396) Polyclonal Antibody

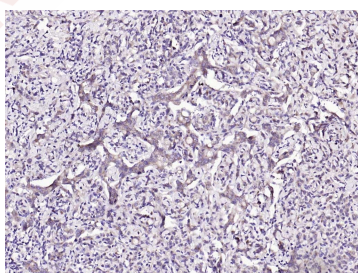
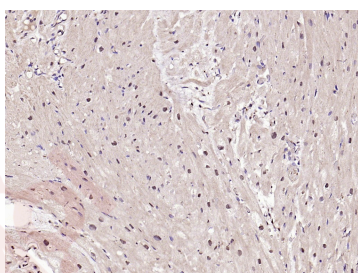
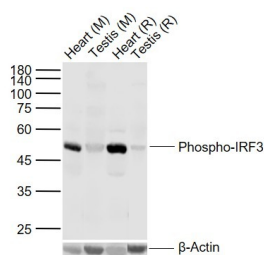
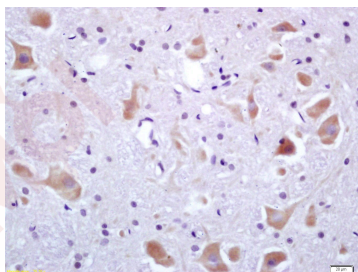
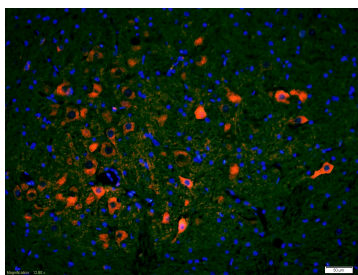
## Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse, Rat (predicted: Dog, Pig, Cow, Sheep)
Molecular Weight:	Theoretical: 47 kDa. Actual: 47 kDa.
Purification:	Protein A purified

## Applications

1. Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-Phospho-IRF3 (Ser396) Polyclonal Antibody, Unconjugated (TMAB-01436) 1:200, overnight at 4°C; The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated used at 1:200 dilution for 40 minutes at 37°C. DAPI (5 µg/ml, blue) was used to stain the cell nucleus
2. Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-Phospho-IRF3 (Ser396) Polyclonal Antibody, Unconjugated (TMAB-01436) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.
3. Sample:
  - Lane 1: Mouse Heart tissue lysates
  - Lane 2: Mouse Testis tissue lysates
  - Lane 3: Rat Heart tissue lysates
  - Lane 4: Rat Testis tissue lysatesPrimary: Anti-Phospho-IRF3 (Ser396) (TMAB-01436) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 47 kDa  
Observed band size: 47 kDa
4. Paraformaldehyde-fixed, paraffin embedded (human myocardium); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Phospho-IRF3 (Ser396)) Polyclonal Antibody, Unconjugated (TMAB-01436) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded (human gastric carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Phospho-IRF3 (Ser396)) Polyclonal Antibody, Unconjugated (TMAB-01436) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

## Verified Activity:



Application: IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

### Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

### Antigen Details

Immunogen:	KLH conjugated synthesised phosphopeptide: human IRF3 around the phosphorylation site of Ser396
Antigen Species:	Human
Gene ID:	3661
Uniprot ID:	Q14653
Synonyms:	p-IRF3 (S396);IRF3 (p-Ser396);Interferon regulatory factor 3;IRF3 (p-S396);IRF-3;p-IRF3 (Ser396);Irf3
Biology Area:	SARS Coronavirus,TLR Signaling,Interferons,Other factors

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### Research 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].

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