AP1412

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Phospho-IRF3-S396 Rabbit mAb

Catalog No.: AP1412 Recombinant 7 Publications

Basic Information

Observed MW
45-55kDa

Calculated MW
47kDa

Category
Monoclonal Antibody

Applications
WB,IF/ICC,ELISA

Cross-Reactivity
Human,Mouse

Clone number
ARC53831

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. The protein plays an important role in the innate immune response against DNA and RNA viruses. Mutations in this gene are associated with Encephalopathy, acute, infection-induced, herpes-specific, 7.

Recommended Dilutions

WB	1:2000 - 1:20000
IF/ICC	1:100 - 1:500
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
3661

Swiss Prot
Q14653

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
IIAE7; Phospho-IRF3-S396

Contact

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Product Information

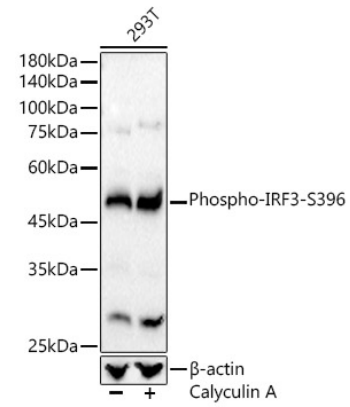
Source
Rabbit

Isotype
IgG

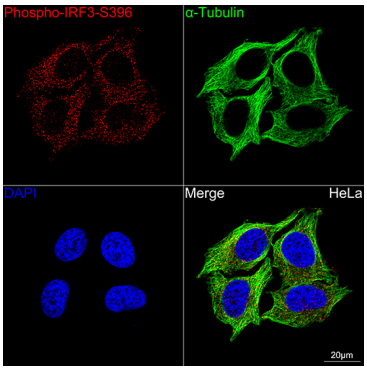
Purification
Affinity purification

Storage
Store at -20℃

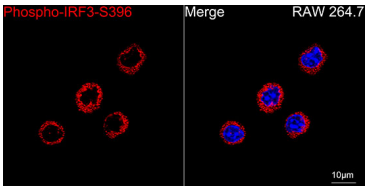
Validation Data



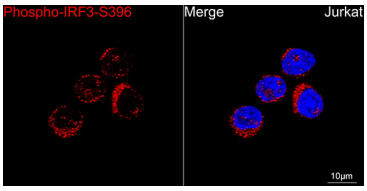
Western blot analysis of lysates from 293T cells, using Phospho-IRF3-S396 Rabbit mAb (AP1412) at 1:24000 dilution. 293T cells were treated with Calyculin A (100 nM) at 37℃ for 30 minutes after serum-starvation overnight.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.



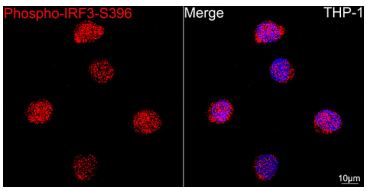
Confocal imaging of HeLa cells using Phospho-IRF3-S396 Rabbit mAb (AP1412,dilution 1:50) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



Confocal imaging of RAW 264.7 cells using Phospho-IRF3-S396 Rabbit mAb (AP1412,dilution 1:50) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (blue). Objective: 100x.



Confocal imaging of Jurkat cells using Phospho-IRF3-S396 Rabbit mAb (AP1412,dilution 1:50) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (blue). Objective: 100x.



Confocal imaging of THP-1 cells using Phospho-IRF3-S396 Rabbit mAb (AP1412,dilution 1:50) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007,

dilution 1:500) (Red). DAPI was used for nuclear staining (blue). Objective: 100x.

For research use only. Not for therapeutic or diagnostic purposes.
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