

Phospho-IRF7-S471/472 Rabbit pAb

Catalog No.: AP1264 **1 Publications**

Basic Information

Observed MW

65kDa

Calculated MW

54kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse

Background

This gene encodes interferon regulatory factor 7, a member of the interferon regulatory transcription factor (IRF) family. It has been shown to play a role in the transcriptional activation of virus-inducible cellular genes, including interferon beta chain genes. Inducible expression of IRF7 is largely restricted to lymphoid tissue. The encoded protein plays an important role in the innate immune response against DNA and RNA viruses.

Recommended Dilutions

WB 1:100 - 1:500

Immunogen Information

Gene ID

3665

Swiss Prot

Q92985

Immunogen

A synthetic phosphorylated peptide around S471 & S472 of human IRF7 (NP_001563.2).

Synonyms

IMD39; IRF-7; IRF7A; IRF7B; IRF7C; IRF7H; IRF-7H; Phospho-IRF7-S471/472

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

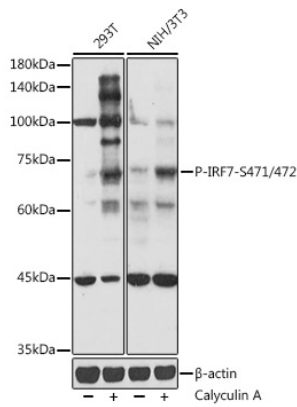
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using Phospho-IRF7-S471/472 Rabbit pAb (AP1264) at 1:500 dilution. 293T and NIH/3T3 cells were treated by Calyculin A (100 nM) at 37°C 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: 180s.