

# IRF6 Rabbit mAb

Catalog No.: A3209 **Recombinant** **1 Publications**

## Basic Information

### Observed MW

68kDa

### Calculated MW

53kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC, IP

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC1928

## Background

This gene encodes a member of the interferon regulatory transcription factor (IRF) family. Family members share a highly-conserved N-terminal helix-turn-helix DNA-binding domain and a less conserved C-terminal protein-binding domain. The encoded protein may be a transcriptional activator. Mutations in this gene can cause van der Woude syndrome and popliteal pterygium syndrome. Mutations in this gene are also associated with non-syndromic orofacial cleft type 6. Alternate splicing results in multiple transcript variants.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**IF/ICC** 1:50 - 1:200

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

## Immunogen Information

### Gene ID

3664

### Swiss Prot

O14896

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 368-467 of human IRF6 (O14896).

### Synonyms

LPS; PIT; PPS; VWS; OFC6; PPS1; VWS1; IRF6

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

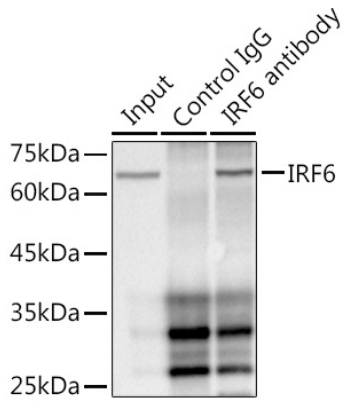
Affinity purification

### Storage

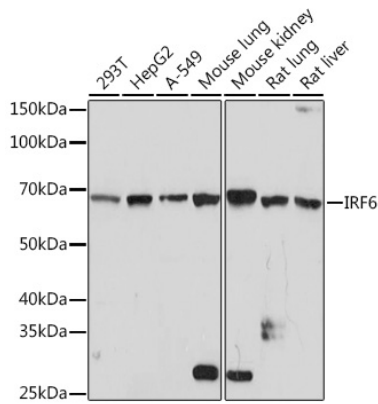
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

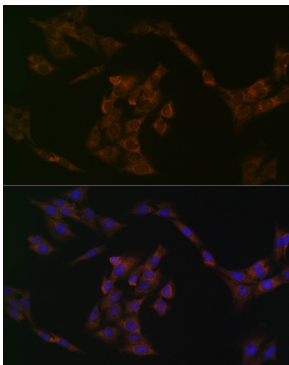
## Validation Data



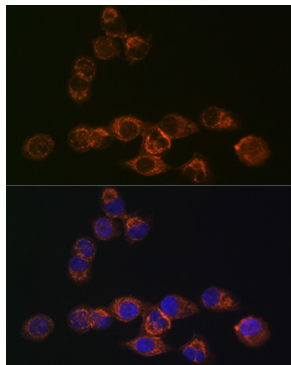
Immunoprecipitation analysis of 300 µg extracts of HepG2 cells using 3 µg IRF6 antibody (A3209). Western blot was performed from the immunoprecipitate using IRF6 antibody (A3209) at a dilution of 1:1000.



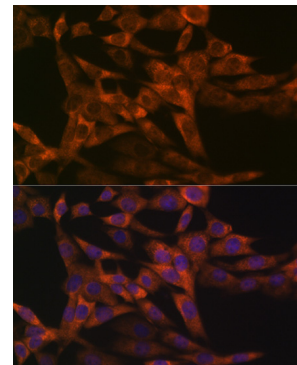
Western blot analysis of various lysates using IRF6 Rabbit mAb (A3209) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3min.



Immunofluorescence analysis of C6 cells using IRF6 Rabbit mAb (A3209) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using IRF6 Rabbit mAb (A3209) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using IRF6 Rabbit mAb (A3209) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.