

Datasheet for ABIN3017589

anti-IRF6 antibody**5** Images[Go to Product page](#)

Overview

Quantity:	500 µL
Target:	IRF6
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This IRF6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	A synthesized peptide derived from human IRF6
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	IRF6
Alternative Name:	IRF6 (IRF6 Products)
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

Target Details

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.[provided by RefSeq, May 2011],LPS, OFC6, PIT, PPS, PPS1, VWS, VWS1,Cell Intrinsic Innate Immunity Signaling Pathway,Cytokines,Cytokines_Interferons,Embryonic Stem Cells,Epigenetics & Nuclear Signaling,Immunology & Inflammation,Stem Cells,Transcription Factors,IRF6

Molecular Weight: 53 kDa

Gene ID: 3664

UniProt: [O14896](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200,IP,1:50 - 1:200

Restrictions: For Research Use only

Handling

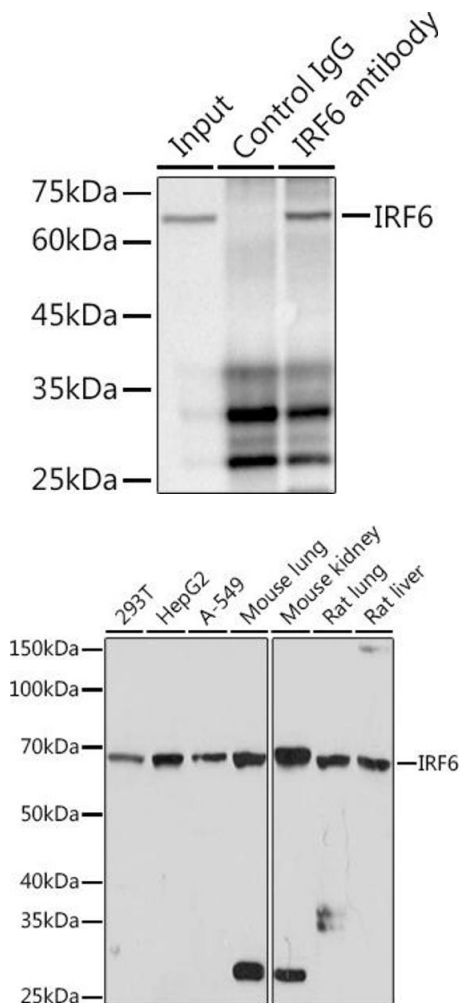
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

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



Immunoprecipitation

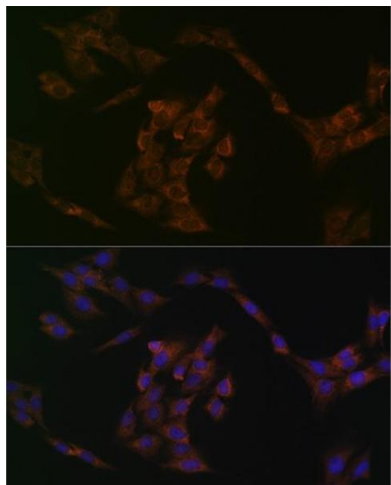
Image 1. Immunoprecipitation analysis of 300 µg extracts of HepG2 cells using 3 µg IRF6 antibody (ABIN1680921, ABIN3017588, ABIN3017589 and ABIN7101507). Western blot was performed from the immunoprecipitate using IRF6 antibody (ABIN1680921, ABIN3017588, ABIN3017589 and ABIN7101507) at a dilution of 1:1000.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using IRF6 Rabbit mAb (ABIN1680921, ABIN3017588, ABIN3017589 and ABIN7101507) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3 min.

Immunofluorescence

Image 3. Immunofluorescence analysis of C6 cells using IRF6 Rabbit mAb (ABIN1680921, ABIN3017588, ABIN3017589 and ABIN7101507) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3017589.