

For Research Use Only

CoraLite® Plus 647-conjugated IRF6 Polyclonal antibody

Catalog Number: CL647-12928



Basic Information

Catalog Number:

CL647-12928

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3623

GenBank Accession Number:

BC014852

GeneID (NCBI):

3664

UNIPROT ID:

O14896

Full Name:

interferon regulatory factor 6

Calculated MW:

467 aa, 53 kDa

Observed MW:

53-60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HaCaT cells,

Background Information

The interferon regulatory factor (IRF) family of genes directs the expression and activity of interferon and thus can strictly regulate innate immunity. Interferon regulatory factor 6 (IRF6) belongs to a family of nine transcription factors that share a highly conserved helix–turn–helix DNA-binding domain and a less conserved protein-binding domain. IRF6 regulates the balance between immature ectoderm differentiation and proliferation during craniofacial morphogenesis. IRF6 functions as a tumor suppressor gene in breast cancer, cervical cancer, nasopharyngeal carcinoma and so on.

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HaCaT cells using Coralite® Plus 647 IRF6 antibody (CL647-12928) at dilution of 1:200, CL488-Phalloidin (green).