

For Research Use Only

CoraLite® Plus 647-conjugated IRF6 Polyclonal antibody

Catalog Number: CL647-12928



Basic Information

Catalog Number: CL647-12928	GenBank Accession Number: BC014852	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 3664	Recommended Dilutions: IF/ICC: 1:50-1:500
Source: Rabbit	UNIPROT ID: O14896	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Isotype: IgG	Full Name: interferon regulatory factor 6	
Immunogen Catalog Number: AG3623	Calculated MW: 467 aa, 53 kDa	
	Observed MW: 53-60 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HaCaT cells,
Species Specificity: human, mouse, rat	

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).