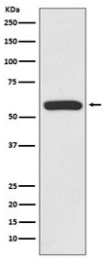
IRF6 Antibody / Interferon Regulatory Factor 6 [clone GHD-9] (RQ4714)

Catalog No.	Formulation	Size
RQ4714	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	GHD-9
Purity	Affinity purified
UniProt	O14896
Applications	Western blot: 1:1000-1:2000
Limitations	This IRF6 / Interferon Regulatory Factor 6 antibody is available for research use only.



IRF6 / Interferon Regulatory Factor 6 Antibody Human Jurkat WB. Western blot analysis of IRF6 expression was performed using anti-IRF6 antibody in human Jurkat cell lysate. IRF6, also known as Interferon Regulatory Factor 6, is a DNA-binding transcription factor that regulates epithelial differentiation, tissue morphogenesis, and developmental signaling. A prominent immunoreactive band is detected at approximately 53 kDa, corresponding to the predicted molecular weight of IRF6. Expression in Jurkat cells demonstrates the utility of this model for studying IRF6-mediated transcriptional regulation and signaling pathways. These results support the utility of IRF6 Antibody for studies of developmental biology, epithelial differentiation, and gene expression.

Description

IRF6 Antibody specifically detects Interferon Regulatory Factor 6, 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.

Explore our IRF6 Antibody / Epithelial Development Transcription Factor Antibody page for additional information on this key regulator of epithelial differentiation, tissue morphogenesis, and developmental gene expression.

Application Notes

Optimal dilution of the IRF6 / Interferon Regulatory Factor 6antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human IRF6 was used as the immunogen for the IRF6 / Interferon Regulatory Factor 6 antibody.

Storage

Store the IRF6 / Interferon Regulatory Factor 6 antibody at -20oC.

Alternate Names

IRF6 antibody, Interferon Regulatory Factor 6 antibody, IRF-6 antibody, Developmental Transcription Factor antibody, Epithelial Differentiation Factor antibody, Cleft Lip and Palate Protein antibody

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