

For Research Use Only

IRF6 Polyclonal antibody

Catalog Number: 12928-1-AP



Basic Information

Catalog Number: 12928-1-AP	GenBank Accession Number: BC014852	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3664	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:250-1:1000
Source: Rabbit	Full Name: interferon regulatory factor 6	
Isotype: IgG	Calculated MW: 467 aa, 53 kDa	
Immunogen Catalog Number: AG3623	Observed MW: 53-60 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : A431 cells, A549 cells, HaCaT cells
Species Specificity: human, mouse, rat	IHC : human lung tissue, mouse kidney tissue, human stomach cancer tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

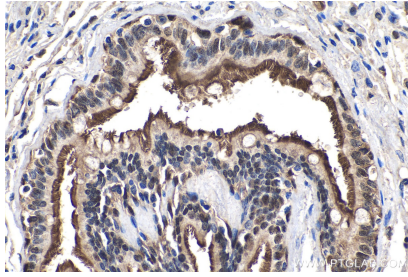
For technical support and original validation data for this product please contact:

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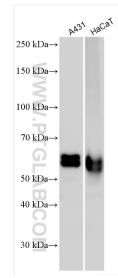
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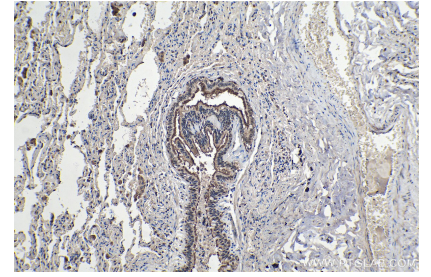
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lung tissue slide using 12928-1-AP (IRF6 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 12928-1-AP (IRF6 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung tissue slide using 12928-1-AP (IRF6 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).