

For Research Use Only

IFI16 Polyclonal antibody

Catalog Number: 29280-1-AP



Basic Information

Catalog Number: 29280-1-AP	GenBank Accession Number: BC017059	Purification Method: Antigen affinity purification
Size: 650 µg/ml	GeneID (NCBI): 3428	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q16666	
Isotype: IgG	Full Name: interferon, gamma-inducible protein 16	
Immunogen Catalog Number: AG30297	Calculated MW: 729 aa, 82 kDa	
	Observed MW: 85-95 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

Human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : Daudi cells, Jurkat cells, MOLT-4 cells, Ramos cells

IHC : human renal cell carcinoma tissue,

Background Information

IFI16 is a member of a family of interferon-inducible nuclear proteins involved in transcriptional regulation functions as a transcriptional repressor. IFI16 may be involved in TP53-mediated transcriptional activation by enhancing TP53 sequence-specific DNA binding and modulating TP53 phosphorylation status. It has been reported that IFI16 participates in the regulation of autophagy, TP53-mediated cell death and innate immune response. IFI16 has different isoforms and 67790-1-Ig antibody detects proteins around 85-95 kDa in SDS-PAGE similar to papers. (PMID: 9718316, 14990579, 11146555, 22046441)

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

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

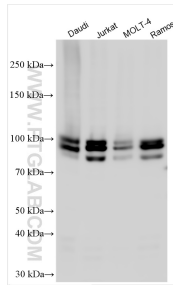
T: 4006900926

E: Proteintech-CN@ptglab.com

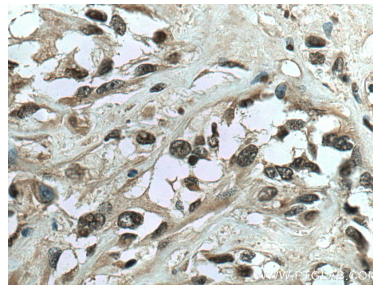
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29280-1-AP (IF116 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human renal cell carcinoma tissue slide using 29280-1-AP (IF116 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).