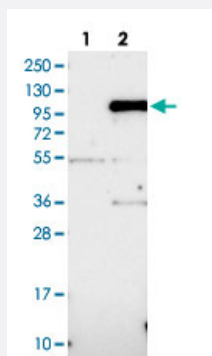


IFI16 polyclonal antibody

Catalog # PAB28576 Size 100 uL

Applications

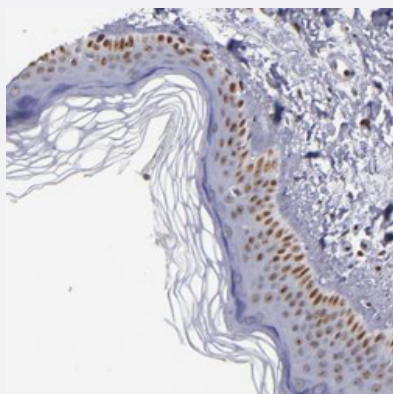


Western Blot (Transfected lysate)

Western blot analysis of HEK293T cell lysate using IFI16 polyclonal antibody (Cat # PAB28576).

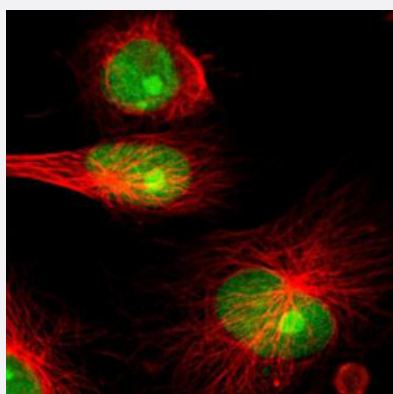
Lane 1: Negative control (vector only)

Lane 2: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa))



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human skin with IFI16 polyclonal antibody (Cat # PAB28576) shows strong nuclear positivity in epidermal cells. Retrieval method: HIER pH6



Immunofluorescence

Immunofluorescence of U-251 MG cell line with IFI16 polyclonal antibody (Cat # PAB28576) shows positivity in nucleus and nucleoli. Fixation/Permeabilization: PFA/Triton X-104

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant IFI16.
Immunogen	Recombinant protein corresponding to human IFI16.
Sequence	KEKFTPKKIIAANYVCRNGFLEVYPFTLVADVNADRNMEIPKGLIRSASVTPKINQLCSQTKGSFVN GVFEVHKKNVRGEFTYYEIQDNTGKMEVVVHGRLTTINCEECDKLKLTCTFELAPKSGNTGELRSVI HSHIKVIK
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:100-1:250) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) Immunofluorescence (1-4 ug/ml) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — IFI16

Entrez GeneID	3428
Protein Accession#	E7EPR3
Gene Name	IFI16
Gene Alias	IFNGIP1, MGC9466, PYHIN2
Gene Description	interferon, gamma-inducible protein 16
Omim ID	147586
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the HIN-200 (hematopoietic interferon-inducible nuclear antigen s with 200 amino acid repeats) family of cytokines. The encoded protein contains domains involv ed in DNA binding, transcriptional regulation, and protein-protein interactions. The protein localize s to the nucleoplasm and nucleoli, and interacts with p53 and retinoblastoma-1. It modulates p53 f unction, and inhibits cell growth in the Ras/Raf signaling pathway. [provided by RefSeq
Other Designations	OTTHUMP00000035192 interferon-gamma induced protein IFI 16 interferon-inducible myeloid dif ferentiation transcriptional activator

Disease

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Ovarian Neoplasms](#)
- [Tobacco Use Disorder](#)