

Datasheet for ABIN7267962
anti-IFI35 antibody (AA 1-288)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	IFI35
Binding Specificity:	AA 1-288
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFI35 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	IFI35 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-288 of human IFI35 (NP_005524.2).
Sequence:	MSAPLDAALH ALQEEQARLK MRLWDLQQLR KELGDSPPKDK VPFSVPKIPL VFRGHTQQDP EVPKSLVSNL RIHCPLLAGS ALITFDDPKV AEQVLQQKEH TINMEECRLR VQVQPLELPM VTTIQVMMSS QLSGRRVLVT GFPASLRLSE EELLDKLEIF FGKTRNGGGD VDVRELLPGS VMLGFARDGV AQLRCQIGQF TVPLGGQQVP LRVSPYVNGE IQKAEIRSQP VPRSVLVLNI PDILDGPELH DVLEIHFQKP TRGGGEVEAL TVVPQGQQGL AVFTSESG
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: IFI35

Alternative Name: IFI35 ([IFI35 Products](#))

Background: Acts as a signaling pathway regulator involved in innate immune system response. In response to interferon IFN-alpha, associates in a complex with signaling pathway regulator NMI to regulate immune response, the complex formation prevents proteasome-mediated degradation of IFI35 and correlates with IFI35 dephosphorylation. In complex with NMI, inhibits virus-triggered type I interferon/IFN-beta production. In complex with NMI, negatively regulates nuclear factor NF-kappa-B signaling by inhibiting the nuclear translocation, activation and transcription of the NF-kappa-B subunit p65/RELA, resulting in the inhibition of endothelial cell proliferation, migration and re-endothelialization of injured arteries. Beside its role as an intracellular signaling pathway regulator, also functions extracellularly as damage-associated molecular patterns (DAMPs to promote inflammation when actively released by macrophage to the extracellular space during cell injury and pathogen invasion. Macrophage-secreted IFI35 activates NF-kappa-B signaling in adjacent macrophages through Toll-like receptor 4/TLR4 activation, thereby inducing NF-kappa-B translocation from the cytoplasm into the nucleus which promotes the release of proinflammatory cytokines.,IFI35,IFP35,Cell Biology & Developmental Biology,Apoptosis,Cell Cycle,Cell differentiation,IFI35

Molecular Weight: 31kDa

Gene ID: 3430

UniProt: [P80217](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:100

Restrictions: For Research Use only

Handling

Format: Liquid

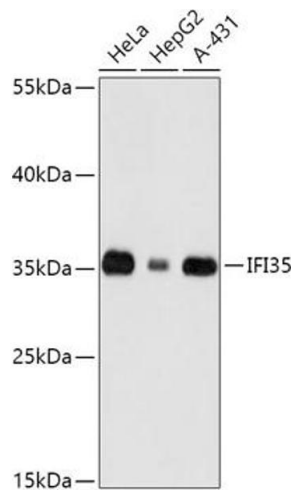
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using IFI35 antibody (ABIN7267962) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.