

RIG-I Polyclonal Antibody

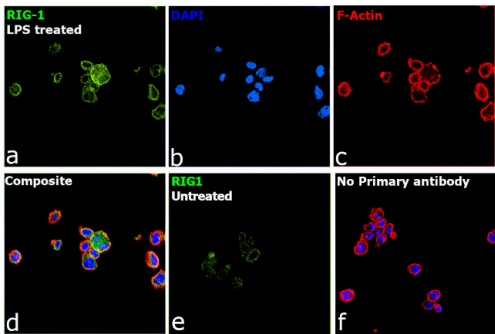
Product Details	
Size	400 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	KLH conjugated synthetic peptide between 585-614 amino acids from the central region of human RIG-I
Form	Liquid
Concentration	2 mg/mL
Purification	Ammonium sulfate precipitation, Size-exclusion - Dialysis
Storage buffer	PBS
Contains	0.09% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2091255

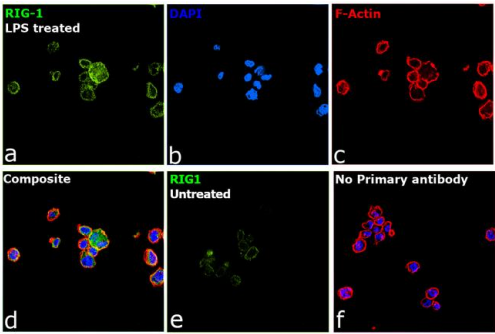
Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunocytochemistry (ICC/IF)	1:200	-

Product Images For RIG-I Polyclonal Antibody

RIG-I Antibody (PA5-11727) in ICC/IF

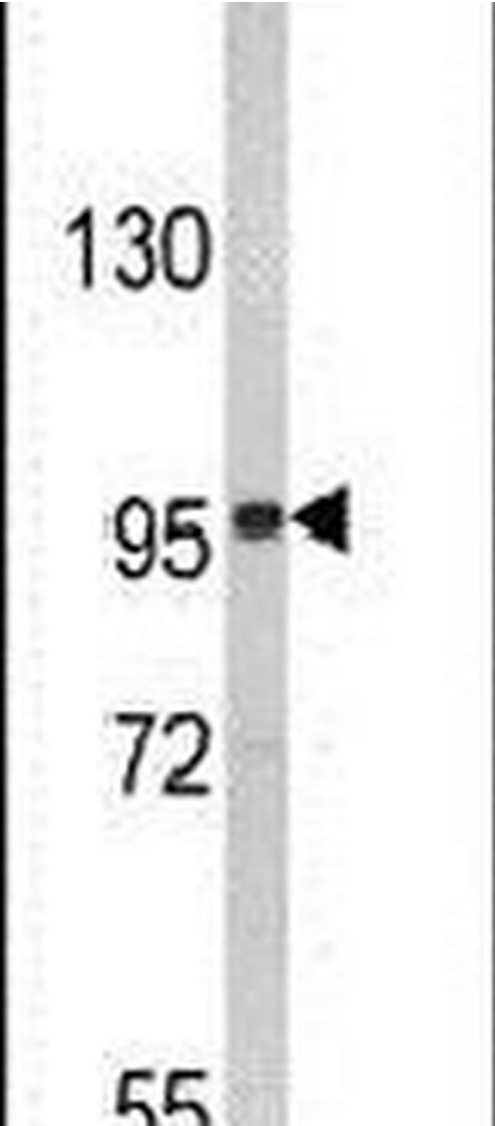
Immunofluorescence analysis of Probable ATP-dependent RNA helicase DDX58 was performed using 70% confluent log phase THP-1 cells and THP-1 cells treated with 1 µg/mL of LPS for 18 h. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 45 minutes at room temperature. The cells were labeled with RIG-I Polyclonal Antibody (Product # PA5-11727) at 1: 200 in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32790), (1:2500), for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b:Blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing Cytosolic localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.





RIG-I Antibody (PA5-11727)

Detection of altered subcellular localization of the target protein by cell treatment demonstrates antibody specificity. Immunofluorescence analysis using RIG-I Polyclonal Antibody (Product # PA5-11727), shows increased expression of protein in THP-1 cell line upon treatment with LPS. {TM}



RIG-I Antibody (PA5-11727) in WB

Western blot analysis using a RIG-I polyclonal antibody (Product # PA5-11727) in 293 cell lysates (35 µg per lane).

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