

For Research Use Only

CXorf56 Polyclonal antibody

Catalog Number: 24021-1-AP **4 Publications**



Basic Information

Catalog Number: 24021-1-AP	GenBank Accession Number: BC023506	Purification Method: Antigen Affinity purified
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 280 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 63932	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IF 1:20-1:200
Source: Rabbit	UNIPROT ID: Q9H5V9	
Isotype: IgG	Full Name: chromosome X open reading frame 56	
Immunogen Catalog Number: AG19856	Calculated MW: 222 aa, 26 kDa	
	Observed MW: 26-30 kDa	

Applications

Tested Applications: WB, IP, IF, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells, mouse kidney tissue IP : mouse kidney tissue, IF : HeLa cells,
Cited Applications: WB, IP	
Species Specificity: human, mouse	
Cited Species: human, monkey	

Background Information

CxORF56 (also known as STEEP) is an evolutionarily highly conserved protein whose function is unknown. Recently CxORF56 has been identified as a protein that interacts with STING, and it is essential for STING ER exit. CxORF56-dependent STING ER exit is essential for STING signaling in antiviral defense and in inflammatory diseases.

Notable Publications

Author	Pubmed ID	Journal	Application
Thaneas Prabakaran	33813142	EBioMedicine	WB
Bao-Cun Zhang	38553448	Nat Commun	WB
Ying Zhu	37156759	NPJ Breast Cancer	WB,IP

Storage

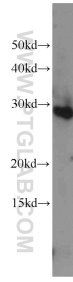
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

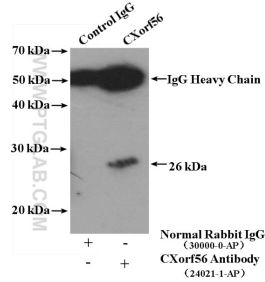
For technical support and original validation data for this product please contact:
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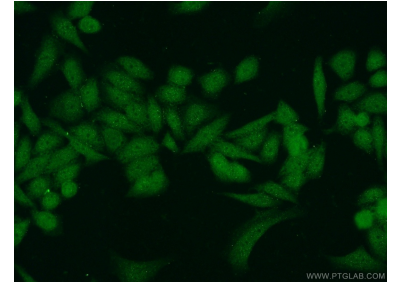
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 24021-1-AP (CXorf56 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-CXorf56 (IP:24021-1-AP, 4ug; Detection:24021-1-AP 1:1000) with mouse kidney tissue lysate 8000ug.



Immunofluorescent analysis of HeLa cells using 24021-1-AP (CXorf56 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).