

For Research Use Only

CXorf21 Polyclonal antibody, PBS Only

Catalog Number:30244-1-PBS



Basic Information

Catalog Number: 30244-1-PBS	GenBank Accession Number: BC020611	Purification Method: Antigen affinity purification
Size: 1 mg/ml	GeneID (NCBI): 80231	
Source: Rabbit	UNIPROT ID: Q9HAI6	
Isotype: IgG	Full Name: chromosome X open reading frame 21	
Immunogen Catalog Number: AG32773	Observed MW: 34 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

CXorf21 (Chromosome X open reading frame 21) is also named as TASL and TLR adapter interacting with SLC15A4 on the lysosome. CXorf21 is an innate immune adapter that mediates the recruitment and activation of IRF5 downstream of endolysosomal toll-like receptors TLR7, TLR8 and TLR9 (PMID:32433612). CXorf21 plays a role in the regulation of endolysosomal pH in immune cells such as B-cells, dendritic cells and monocytes (PMID: 31001245). CXorf21 is a mediator of the X-chromosome gene dose-dependent increased risk of SLE in females (PMID: 31695690).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

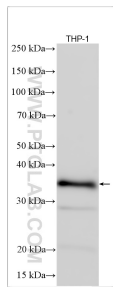
T: 4006900926

E: Proteintech-CN@ptglab.com

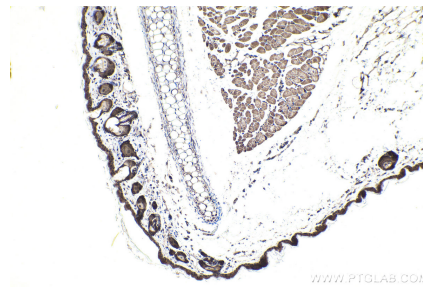
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

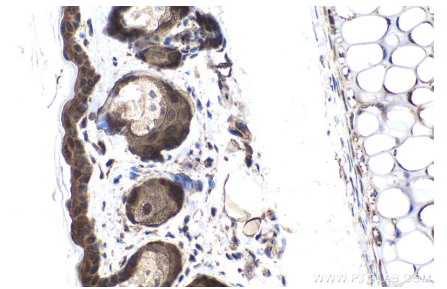
Selected Validation Data



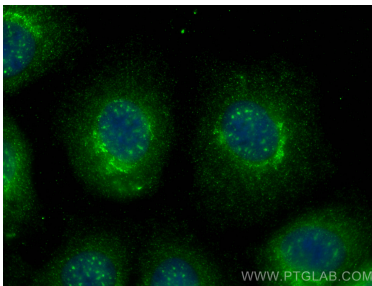
THP-1 cells were subjected to SDS PAGE followed by western blot with 30244-1-AP (CXorf21 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 30244-1-PBS in a different storage buffer formulation.



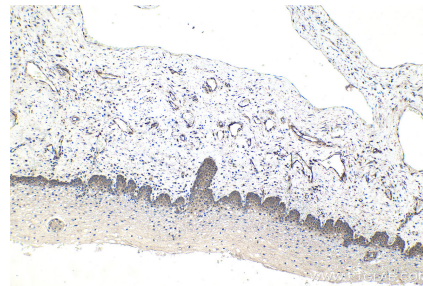
Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 30244-1-AP (CXorf21 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30244-1-PBS in a different storage buffer formulation.



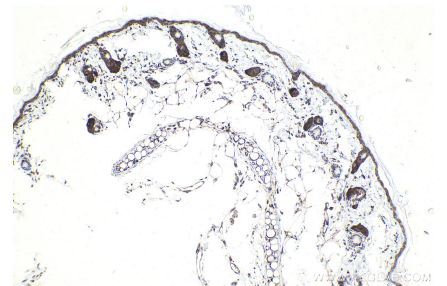
Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 30244-1-AP (CXorf21 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30244-1-PBS in a different storage buffer formulation.



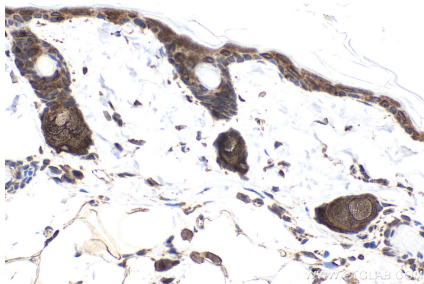
Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using CXorf21 antibody (30244-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 30244-1-PBS in a different storage buffer formulation.



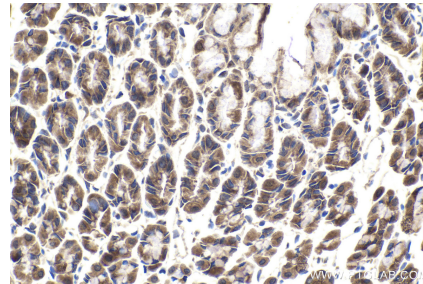
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 30244-1-AP (CXorf21 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30244-1-PBS in a different storage buffer formulation.



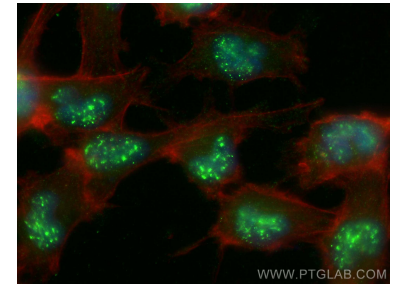
Immunohistochemical analysis of paraffin-embedded rat skin tissue slide using 30244-1-AP (CXorf21 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30244-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat skin tissue slide using 30244-1-AP (CXorf21 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30244-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat stomach tissue slide using 30244-1-AP (CXorf21 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30244-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed U-251 cells using CXorf21 antibody (30244-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red). This data was developed using the same antibody clone with 30244-1-PBS in a different storage buffer formulation.