For Research Use Only

CXorf21 Recombinant monoclonal antibody

Catalog Number:88004-1-RR

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Basic Information

Catalog Number:
88004-1-RR

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG32773

GenBank Accession Number:
BC020611

GeneID (NCBI):
80231

UNIPROT ID:
Q9HAI6

Full Name:
chromosome X open reading frame 21

Observed MW:
34 kDa

Purification Method:
Protein A purification

CloneNo.:
260203H7

Recommended Dilutions:
WB: 1:1000-1:4000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse

Positive Controls:

WB : RAW 264.7 cells, THP-1 cells, J774A.1 cells

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).

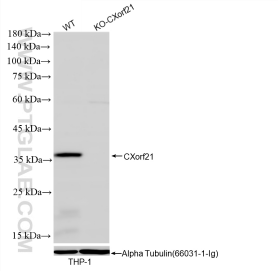
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

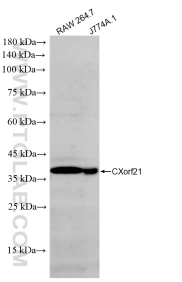
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88004-1-RR (CXorf21 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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