

For Research Use Only

CoraLite®594-conjugated NLRX1 Polyclonal antibody

Catalog Number: CL594-17215

Featured Product



Basic Information

Catalog Number:

CL594-17215

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11000

GenBank Accession Number:

BC013199

GeneID (NCBI):

79671

UNIPROT ID:

Q86UT6

Full Name:

NLR family member X1

Calculated MW:

975 aa, 108 kDa

Observed MW:

100-110 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:400-1:1600

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HepG2 cells, A549 cells

Background Information

NLRX1 (Nucleotide-binding oligomerization domain, leucine-rich repeat containing X1) is a member of the NOD-like receptor (NLR) family and is unique among NLRs due to its localization to the mitochondrial matrix. NLRX1 is a negative regulator of innate immunity, particularly in viral infections. It interacts with the mitochondrial antiviral signaling protein (MAVS) to attenuate antiviral responses. NLRX1 has been implicated in various diseases, including multiple sclerosis, colorectal cancer, and ischemia-reperfusion injury. Its role in controlling inflammation and mitochondrial function makes it a potential therapeutic target.

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

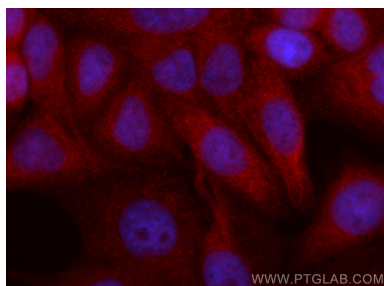
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Coralite®594 NLRX1 antibody (CL594-17215) at dilution of 1:800.