

For Research Use Only

CoraLite® Plus 488-conjugated RNASEL Polyclonal antibody

Catalog Number:CL488-22577



Basic Information

Catalog Number:

CL488-22577

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17409

GenBank Accession Number:

BC115697

GeneID (NCBI):

6041

UNIPROT ID:

Q05823

Full Name:

ribonuclease L (2',5'-oligoadenylate synthetase-dependent)

Calculated MW:

741 aa, 84 kDa

Observed MW:

84 kDa; 73 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

RNASEL, also named as RNS4, is an endoribonuclease that functions in the interferon (IFN) antiviral response. RNASEL mediated apoptosis is the result of a JNK-dependent stress-response pathway leading to cytochrome c release from mitochondria and caspase-dependent apoptosis. There're some isoforms with calculated MW 84 kDa and 73 kDa.

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 (-20°C Ethanol)
fixed HepG2 cells using CoraLite® Plus 488
RNASEL antibody (CL488-22577) at dilution of
1:200.