

For Research Use Only

CoraLite® Plus 488-conjugated DUSP11 Polyclonal antibody



Catalog Number: CL488-10204

Featured Product

Basic Information

Catalog Number:

CL488-10204

Size:

100ul , Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0276

GenBank Accession Number:

BC000346

GeneID (NCBI):

8446

UNIPROT ID:

O75319

Full Name:

dual specificity phosphatase 11 (RNA/RNP complex 1-interacting)

Calculated MW:

39 kDa

Observed MW:

39 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF 1:300-1:1200

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF

Species Specificity:

human

Positive Controls:

IF : A431 cells, HepG2 cells

Background Information

DUSP11, also known as PIR1, is a unique member of atypical DUSPs which could bind directly to RNA and possess RNA 5'-triphosphatase and diphosphatase activities. DUSP11 converts the 5' triphosphate of microRNA precursors to a 5' monophosphate, and regulates cellular noncoding RNAs levels. In addition to a catalysis towards RNA, more evidence showed that DUSP11 could also dephosphorylate proteins.

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

*** 20ul sizes contain 0.1% BSA

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

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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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® Plus 488 DUSP11 antibody (CL488-10204) at dilution of 1:200.