

For Research Use Only

CoraLite® Plus 488-conjugated AK3L1 Polyclonal antibody



Catalog Number: CL488-13206

Featured Product

Basic Information

Catalog Number:

CL488-13206

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3966

GenBank Accession Number:

BC040224

GeneID (NCBI):

205

UNIPROT ID:

P27144

Full Name:

adenylate kinase 3-like 1

Calculated MW:

223 aa, 25 kDa

Observed MW:

30 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 : MCF-7 cells,

Background Information

AK3L1 (Adenylate kinase 3-like) is also named as AK4, AK3L1 and belongs to the adenylate kinase family. It catalyzes the reversible transfer of the terminal phosphate group between ATP and AMP. It is important for maintenance of homeostasis of the adenine and guanine nucleotide pools. Expression is highest in kidney and heart, moderate in liver, weak in brain, and barely detectable in placenta and lung by northern blot (PMID:11485571). This antibody may also recognize AK3 due to the high homology.

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:

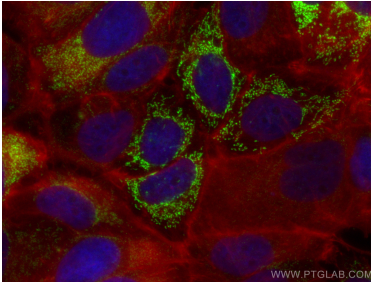
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CoraLite® Plus 488 AK3L1 antibody (CL488-13206) at dilution of 1:200, CL594-Phalloidin (red).