

For Research Use Only

ALOX15B Recombinant antibody

Catalog Number: 86146-1-RR



Basic Information

Catalog Number:

86146-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3741

GenBank Accession Number:

BC035217

GeneID (NCBI):

247

UNIPROT ID:

O15296

Full Name:

arachidonate 15-lipoxygenase, type B

Calculated MW:

676 aa, 76 kDa

Observed MW:

67-75 kDa

Purification Method:

Protein A purification

CloneNo.:

250442C5

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, HL-60 cells, A431 cells, MCF-7 cells

Background Information

In humans, there are 6 functional lipoxygenases genes. Two of them encode for arachidonic acid 12-lipoxygenating (ALOX12, ALOX12B) and two for 15-lipoxygenating enzymes (ALOX15, ALOX15B). ALOX15B has been described as the most abundant 15-lipoxygenating enzyme species in human carotid atherosclerotic lesions and to be associated with cerebrovascular symptoms. (PMID:24373925).

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:

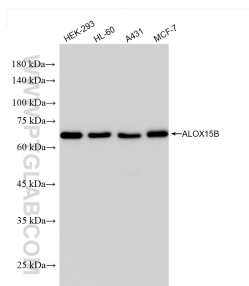
T: 4006900926

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



HEK-293 cells were subjected to SDS PAGE followed by western blot with 86146-1-RR (ALOX15B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.