

For Research Use Only

ALOX15B Recombinant antibody, PBS Only

Catalog Number: 86146-1-PBS



Basic Information

Catalog Number:	86146-1-PBS	GenBank Accession Number:	BC035217	Purification Method:	Protein A purification
Concentration:	1 mg/ml	GeneID (NCBI):	247	CloneNo.:	250442C5
Source:	Rabbit	UNIPROT ID:	O15296		
Isotype:	IgG	Full Name:	arachidonate 15-lipoxygenase, type B		
Immunogen Catalog Number:	AG3741	Calculated MW:	676 aa, 76 kDa		
		Observed MW:	67-75 kDa		

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

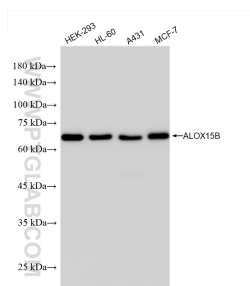
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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. This data was developed using the same antibody clone with 86146-1-PBS in a different storage buffer formulation.