

For Research Use Only

ALOX15B Recombinant antibody

Catalog Number: 86146-1-RR



Basic Information

Catalog Number: 86146-1-RR	GenBank Accession Number: BC035217	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 247	CloneNo.: 250442C5
Source: Rabbit	UNIPROT ID: O15296	Recommended Dilutions: WB: 1:5000-1:50000
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, ELISA	Positive Controls: WB : HEK-293 cells, HL-60 cells, A431 cells, MCF-7 cells
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

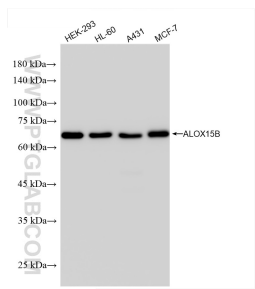
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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)
E: proteintech@ptglab.com
W: ptglab.com

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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.