

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
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	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

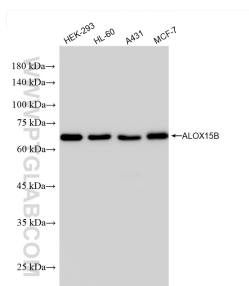
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

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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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.