

For Research Use Only

ALOX15B Polyclonal antibody, PBS Only

Catalog Number: 13073-1-PBS



Basic Information

Catalog Number: 13073-1-PBS	GenBank Accession Number: BC035217	Purification Method: Antigen affinity purification
Size: 1 mg/ml	GeneID (NCBI): 247	
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: 67-76 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). ALOX15B has 4 isoforms produced by alternative splicing with the MW of 76, 67, 69 and 73 kDa. 13073-1-AP can also recognize the mouse Alox8 protein.

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

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

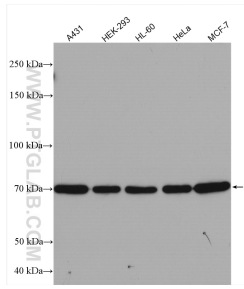
T: 4006900926

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



A431 cells were subjected to SDS PAGE followed by western blot with 13073-1-AP (15 Lipoxygenase 2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 13073-1-PBS in a different storage buffer formulation.