

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

Storage Buffer:
PBS Only

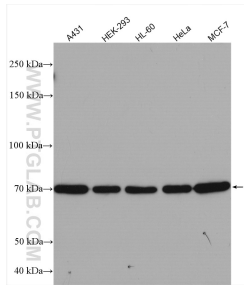
For technical support and original validation data for this product please contact:

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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.