

ALOX15B antibody

Product Information

Catalog No.:	FNab00005
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

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.

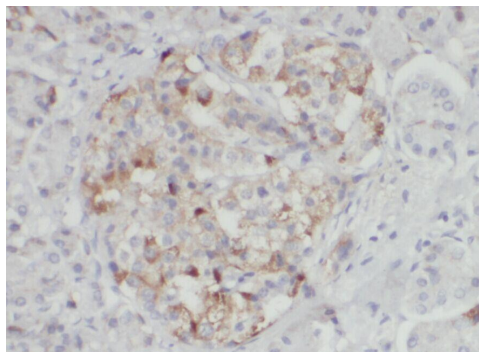
Immunogen information

Immunogen:	arachidonate 15-lipoxygenase, type B
Synonyms:	Polyunsaturated fatty acid lipoxygenase ALOX15B 15-lipoxygenase 2 (15-LOX-2) Arachidonate 15-lipoxygenase B (15-LOX-B) Arachidonate 15-lipoxygenase type II Linoleate 13-lipoxygenase 15-LOB ALOX15B
Observed MW:	76 kDa
Uniprot ID :	O15296

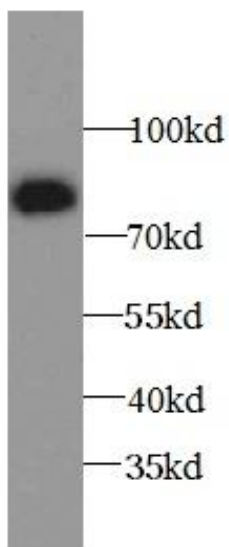
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC,IF
Recommended dilution:	WB: 1:200-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human prostate cancer using FNab000005(ALOX15B antibody) at dilution of 1:100



MCF7 cells were subjected to SDS PAGE followed by western blot with FNab000005(ALOX15B antibody) at dilution of 1:600