

anti- 15 Lipoxygenase 2 antibody

Description

Product Name	anti- 15 Lipoxygenase 2 antibody
Catalogue No.	50000AB
Size	100µg
Form	liquid
Purification	Immunogen affinity purified
Purity	≥95% as determined by SDS-PAGE
Host	Rabbit
Clonality	Polyclonal
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-lipoxygenase (ALOX12B) and two for 15-lipoxygenating enzymes (ALOX15, ALOX15B). ALOX15B has been described as an 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 molecular weights of 67, 69 and 73 kDa.

IMMUNOGEN INFORMATION

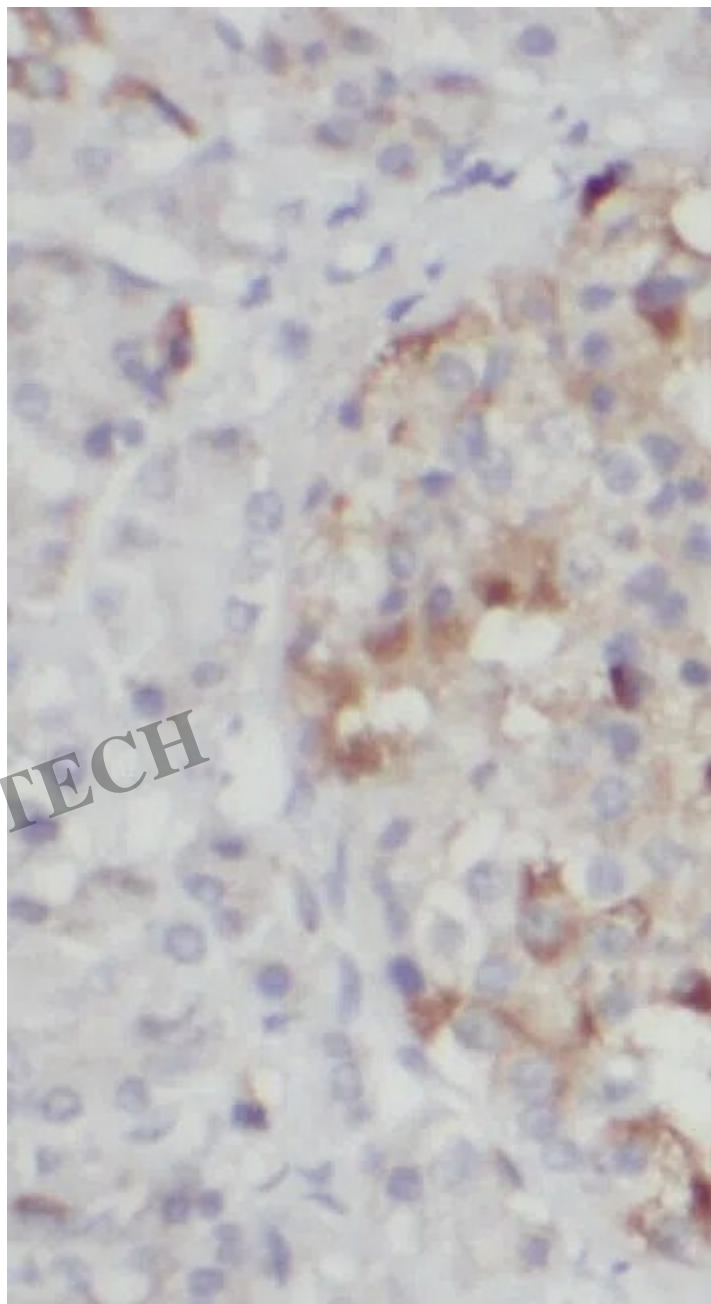
Immunogen	arachidonate 15-lipoxygenase, type B
Observed MW	76 kDa

APPLICATION

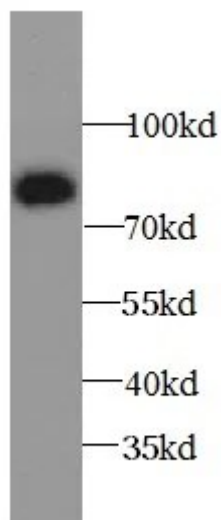
Tested Application	ELISA, WB, IHC, IF
Recommended Dilution	WB: 1:200-1:2000; IHC: 1:20-1:200

IMAGES

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



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





Date Created

2024/07/01

LINK BIOTECH