

## anti- 15 Lipoxygenase 2 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:    | ALOX15B;Arachidonate 15-lipoxygenase B,15-LOX-B,15-LOX-2,Arachidonate 15-lipoxygenase type II,Linoleate 13-lipoxygenase 15-Lob |
| Observed MW: | 76 kDa   |
| UniprotID :  | O15296   |

### Application

#### Wuhan Fine Biotech Co., Ltd.

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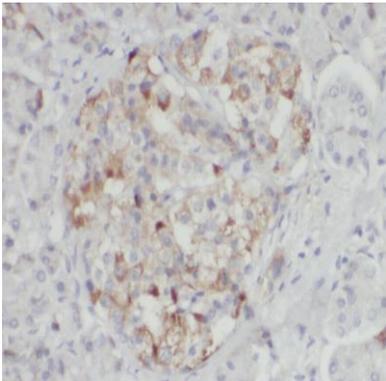
Fax: (0086)027-87800889 [www.fn-test.com](http://www.fn-test.com)

Reactivity: Human, Mouse, Rat

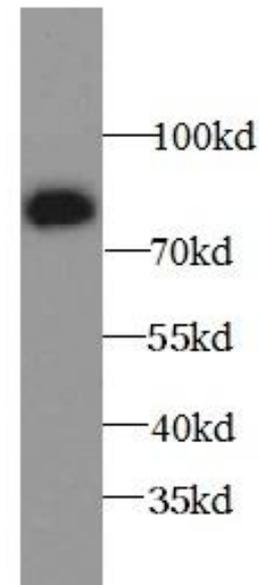
Tested Application: ELISA, WB, IHC,IF

Recommended dilution: WB: 1:200-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human prostate cancer using FNab00005(ALOX15B antibody) at dilution of 1:100



MCF7 cells were subjected to SDS PAGE followed by western blot with FNab00005(ALOX15B antibody) at dilution of 1:600

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