

## ALOX15B

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**Reactivity:**Human Mouse

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

**Calculated MW:**76kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human ALOX15B

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

15-LOX-2;

**Catalog #:**A6865

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**247

**Isotype:**IgG

**Swiss Prot:**O15296

**Purity:**Affinity purification

For research use only.

**Background:**

This gene encodes a member of the lipxygenase family of structurally related nonheme iron dioxygenases involved in the production of fatty acid hydroperoxides. The encoded protein converts arachidonic acid exclusively to 15S-hydroperoxyeicosatetraenoic acid, while metabolizing linoleic acid less effectively. This gene is located in a cluster of related genes and a pseudogene that spans approximately 100 kilobases on the short arm of chromosome 17. Alternatively spliced transcript variants encoding different isoforms have been described.

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