

ALOX15B

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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