

ALOX15 Rabbit mAb

Catalog No.: A22908 **Recombinant**

Basic Information

Observed MW

75kDa

Calculated MW

75kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC3138

Background

This gene encodes a member of the lipoxygenase family of proteins. The encoded enzyme acts on various polyunsaturated fatty acid substrates to generate various bioactive lipid mediators such as eicosanoids, hepoxilins, lipoxins, and other molecules. The encoded enzyme and its reaction products have been shown to regulate inflammation and immunity. Multiple pseudogenes of this gene have been identified in the human genome.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:4000 - 1:10000

Immunogen Information

Gene ID

246

Swiss Prot

P16050

Immunogen

Recombinant protein

Synonyms

LOG15; 12-LOX; 15-LOX; 15-LOX-1; ALOX15

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

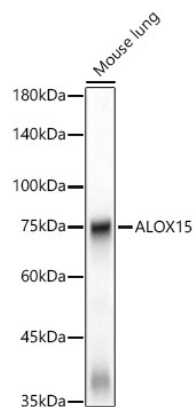
Protein A purified

Storage

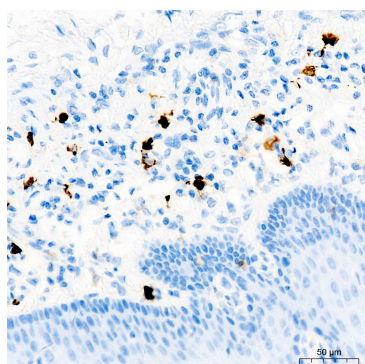
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% Sodium azide, 0.05% BSA, 40% glycerol, pH7.2.

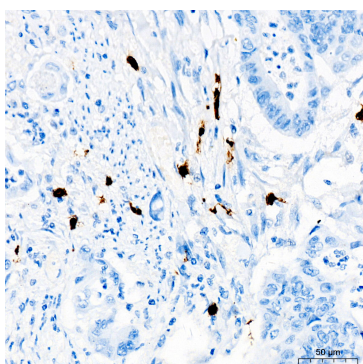
Validation Data



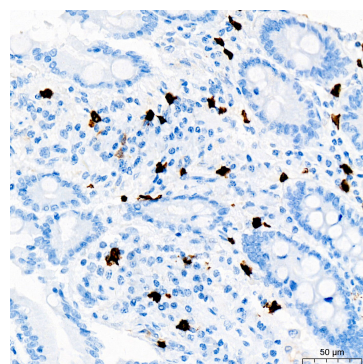
Western blot analysis of lysates from Mouse lung, using ALOX15 Rabbit mAb (A22908) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



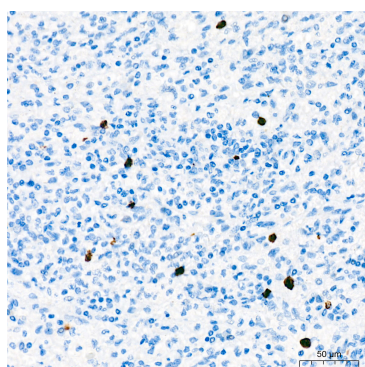
Immunohistochemistry analysis of ALOX15 in paraffin-embedded Human esophagus tissue using ALOX15 Rabbit mAb (A22908) at a dilution of 1:16000 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.



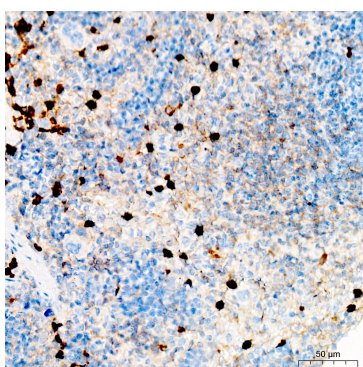
Immunohistochemistry analysis of ALOX15 in paraffin-embedded Human colon carcinoma tissue using ALOX15 Rabbit mAb (A22908) at a dilution of 1:16000 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.



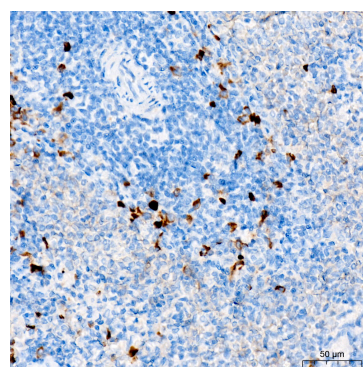
Immunohistochemistry analysis of ALOX15 in paraffin-embedded Human small intestine tissue using ALOX15 Rabbit mAb (A22908) at a dilution of 1:16000 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of ALOX15 in paraffin-embedded Human spleen tissue using ALOX15 Rabbit mAb (A22908) at a dilution of 1:16000 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of ALOX15 in paraffin-embedded Mouse spleen tissue using ALOX15 Rabbit mAb (A22908) at a dilution of 1:16000 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of ALOX15 in paraffin-embedded Rat spleen tissue using ALOX15 Rabbit mAb (A22908) at a dilution of 1:16000 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.