

ALOX15 Polyclonal Antibody

Catalog No. E-AB-61369

Note: Centrifuge before opening to ensure complete recovery of vial contents.

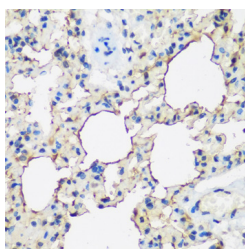
Description

Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein of human ALOX15 (NP_001131.3).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

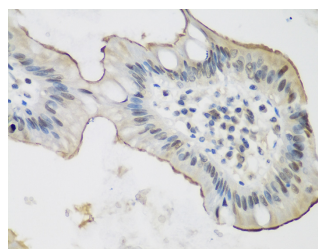
Applications Recommended Dilution

IHC 1:50-1:200

Data



Immunohistochemistry of paraffin-embedded Rat lung using ALOX15 Polyclonal Antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded Human stomach cancer using ALOX15 Polyclonal Antibody at dilution of 1:200 (40x lens).

Preparation & Storage

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

Background

Arachidonate 15-lipoxygenase is an enzyme that in humans is encoded by the ALOX15 gene. The ALOX15 gene maps to 17p13.3 in close proximity to the tumor-suppressor gene TP53. The ALOX15 gene product is implicated in antiinflammation, membrane remodeling, and cancer development/metastasis. Converts arachidonic acid to 15S-hydroperoxyeicosatetraenoic acid. Also acts on C-12 of arachidonate as well as on linoleic acid.

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