

ALOX15 Rabbit pAb

Catalog No.: A6864 **7 Publications**

Basic Information

Observed MW

75kDa

Calculated MW

75kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

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, hepxilins, 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	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

246

Swiss Prot

P16050

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-230 of human ALOX15 (NP_001131.3).

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

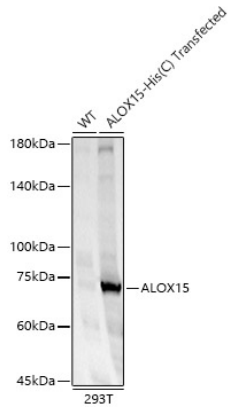
Affinity purification

Storage

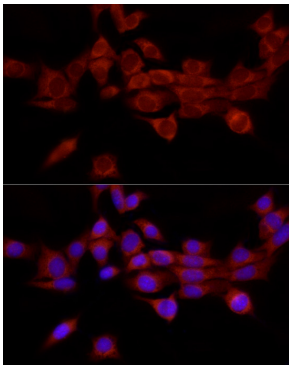
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

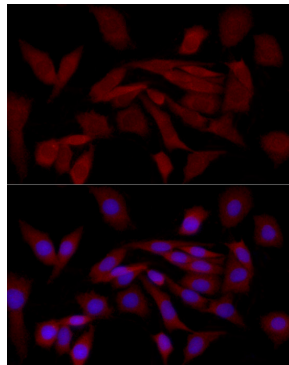
Validation Data



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with ALOX15 using ALOX15 Rabbit pAb (A6864) at 1:1000 dilution.
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.
Lysates / proteins: 25 µg per lane.
Blocking buffer: 3 % nonfat dry milk in TBST.
Detection:ECL Basic Kit (RM00020).
Exposure time: 10s.



Immunofluorescence analysis of NIH/3T3 cells using ALOX15 Rabbit pAb (A6864) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using ALOX15 Rabbit pAb (A6864) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.