

Catalog #: 52583

Aliases

ALOX15; Arachidonate 15-Lipoxygenase; 15-LOX-1; Polyunsaturated Fatty Acid Lipoxygenase
ALOX15; Arachidonate 12-Lipoxygenase, Leukocyte-Type; Arachidonate Omega-6
Lipoxygenase; Hepoxilin A3 Synthase Alox15; Linoleate 13S-Lipoxygenase; 12/15-
Lipoxygenase; 12-LOX; 15-LOX; LOG15; 15-Lipoxygenase Type 1; 15-Lipooxygenase-1; 15-
LOX Type 1; EC 1.13.11.31; EC 1.13.11.33; EC 1.13.11.12; EC 1.13.11.-; EC 1.13.11

Background

Gene Name: ALOX15
NCBI Gene Entry: [246](#)
UniProt Entry: [P16050](#)

Application Information

Molecular Weight: Predicted, 75 kDa; observed, 75 kDa
Clonality: Rabbit polyclonal antibody
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), immunohistochemistry (IHC)

Immunogen

A synthesized peptide derived from human ALOX15

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:2,000
Immunohistochemistry (IHC): 1:50-1:300

Note: This product is for research use only.

Validation Data

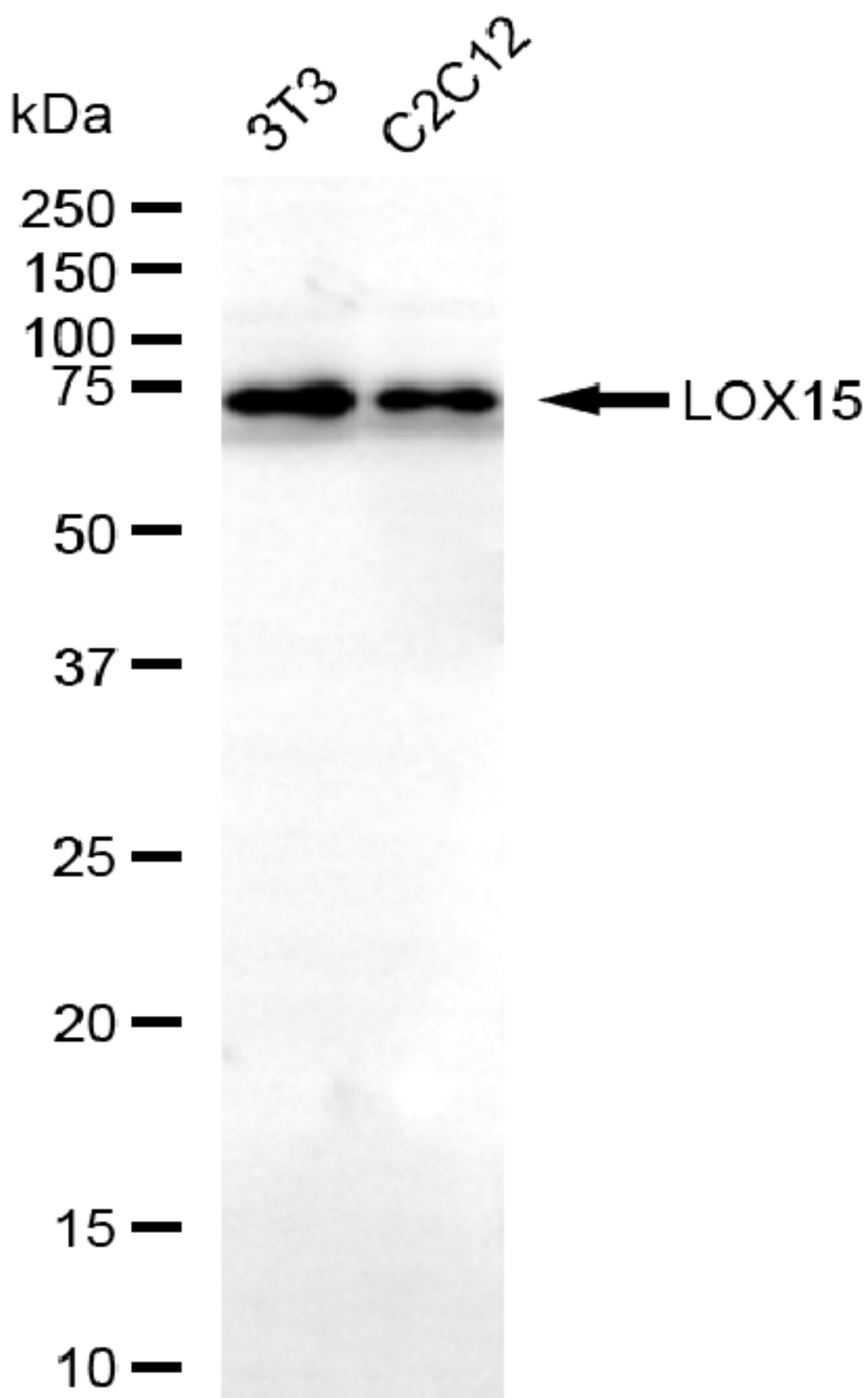
SUPPORT

SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

ORDERS

SALES@GENUINBIOTECH.COM
FAX:+1-540-855-7041

WWW.GENUINBIOTECH.COM



Copyright ©2025 Genuin Biotechnologies LLC

SUPPORT

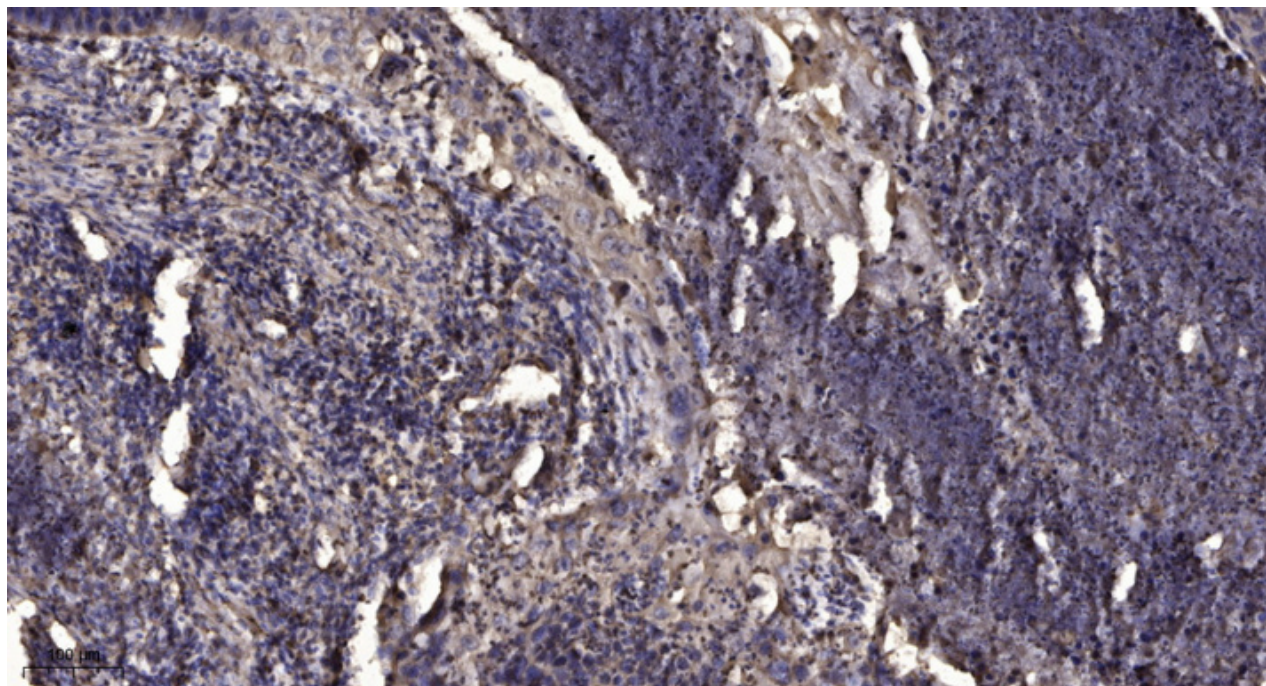
SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

ORDERS

SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM

Western blotting analysis using anti-ALOX15 antibody (Cat#52583). Total lysates (30 µg) were loaded and separated by SDS-PAGE. The blot was incubated with anti-ALOX15 antibody (Cat#52583, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. Antibody was diluted at 1:200 (4°C overnight). Tris-EDTA, pH9.0 was used for antigen retrieval. Secondary antibody was diluted at 1:200 (room temperature, 45min).