

Datasheet for ABIN7426859
anti-ALOX15 antibody (AA 170-312)

3 Images

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Overview

Quantity:	100 µL
Target:	ALOX15
Binding Specificity:	AA 170-312
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ALOX15 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Arachidonate-15-Lipoxygenase (ALOX15)
Immunogen:	Recombinant Arachidonate-15-Lipoxygenase (ALOX15) corresponding to Lys170~Leu312 with N-terminal His Tag
Clone:	C2
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against ALOX15. It has been selected for its ability to recognize ALOX15 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Protein A + Protein G affinity chromatography

Target Details

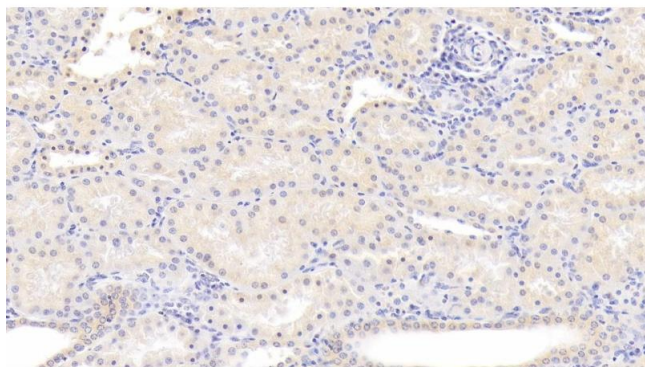
Target:	ALOX15
Alternative Name:	Arachidonate-15-Lipoxygenase (ALOX15 Products)
Background:	LOX15, 15-LOX2, 15-LOX1, 15-LOX, 12-LOX, ALOX15, 15-LO, 15-LPG, LOG15, Lipoxygenase 15, Arachidonate 12-lipoxygenase, leukocyte-type, Arachidonate omega-6 lipoxygenase
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

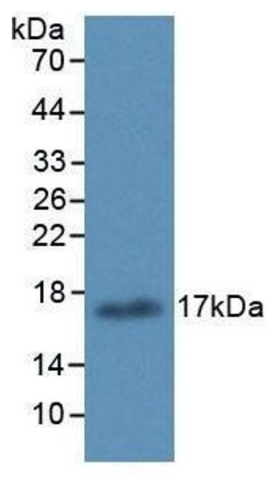
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



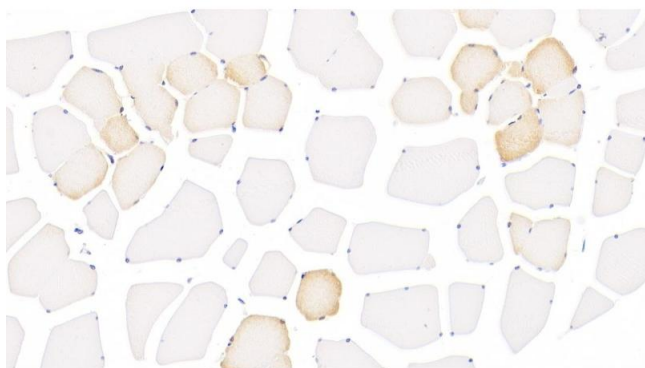
Immunohistochemistry

Image 1. Detection of ALOX15 in Human Kidney Tissue using Monoclonal Antibody to Arachidonate-15-Lipoxygenase (ALOX15)



Western Blotting

Image 2. Detection of Recombinant ALOX15, Human using Monoclonal Antibody to Arachidonate-15-Lipoxygenase (ALOX15)



Immunohistochemistry

Image 3. Detection of ALOX15 in Human Skeletal muscle Tissue using Monoclonal Antibody to Arachidonate-15-Lipoxygenase (ALOX15)