

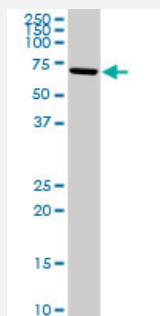
MaxPab®

ALOX15 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000246-D01P

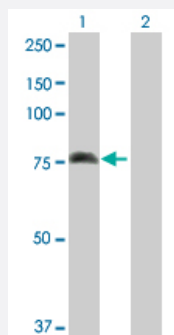
Size 100 ug

Applications



Western Blot (Tissue lysate)

ALOX15 MaxPab rabbit polyclonal antibody. Western Blot analysis of ALOX15 expression in mouse spleen.



Western Blot (Transfected lysate)

Western Blot analysis of ALOX15 expression in transfected 293T cell line ([H00000246-T01](#)) by ALOX15 MaxPab polyclonal antibody.

Lane 1: ALOX15 transfected lysate(74.80 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ALOX15 protein.

Immunogen

ALOX15 (AAH29032.1, 1 a.a. ~ 662 a.a) full-length human protein.

Sequence	MGLYRIRVSTGASLYAGSNNQVQLWLVGQHGEAALGKRLWPARGKETELKVEVPEYLGPLL FVK LRKRHLLKDDAWFCNWSVQGPAGDEVRFPCYRWVEGNGVLSLPEGTGRTVGEDPQGLFQK HREEELEERRKLYRWGNWKDGLILNMAGAKLYDLPVDERFLEDKRVD FEVSLAKGLADLAIKDSL NVLTCWKDLDDFNRFWCGQSKLAERV RDSWKEDALFGYQFLNGANPVVLRSAHLPARLVFP PGMEELQAQLEKELEGGTLFEADFSLLDGIKANVILCSQQHLAAPLVMLKLQPDGKLLPMVIQLQL PRTGSPPPPFLPTDPPMAWLLAKCWVRSSDFQLHELQSHLLRGHLM AEVIVVATMRCCLPSIHPI FKLIIPHLRYTLEINVRARTGLVSDMGIFDQIMSTGGGGHVQLLKQAGAF LTYSSFCPPDDLADRGL LGVKSSFPQDALRLWEIIRYVEGIVSLHYKTDVAVKDDPELQ TWCREITEIGLQGAQDRGFVSL QARDQVCHFVTMCIFTCTGQHASVHLGQLDWYSWVPNAPCTMRLPPPTTKDATLETVMATLPNF HQASLQMSITWQLGRRQPVMVAVGQHEEEYFSGPEPKAVLKKFREELAALDKEIEIRNAKLDMPY EYLRPSVVENSVAI
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (73); Rat (74)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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- Western Blot (Tissue lysate)

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[Protocol Download](#)

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Western Blot analysis of ALOX15 expression in transfected 293T cell line ([H00000246-T01](#)) by ALOX15 MaxPab polyclonal antibody.

Lane 1: ALOX15 transfected lysate(74.80 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — ALOX15

Entrez GeneID

[246](#)

GeneBank Accession#

[BC029032.1](#)

Protein Accession#	AAH29032.1
Gene Name	ALOX15
Gene Alias	15-LOX-1
Gene Description	arachidonate 15-lipoxygenase
Omim ID	152392
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- [15LO1 dictates glutathione redox changes in asthmatic airway epithelium to worsen type-2 inflammation.](#)

Tadao Nagasaki, Alexander J Schuyler, Jinming Zhao, Svetlana N Samovich, Kazuhiro Yamada, Yanhan Deng, Scott P Ginebaugh, Stephanie A Christenson, Prescott G Woodruff, John V Fahy, John B Trudeau, Detcho Stoyanovsky, Anuradha Ray, Yulia Y Tyurina, Valerian E Kagan, Sally E Wenzel.

The Journal of Clinical Investigation 2022 Jan; 132(1):e151685.

Application: WB-Ce, Human, HAECs cells

- [Nonviral delivery of small interfering RNA into pancreas-associated immune cells prevents autoimmune diabetes.](#)

Leconet W, Petit P, Peraldi-Roux S, Bresson D.

Molecular Therapy 2012 Dec; 20(12):2315.

Application: WB-Ce, Mouse , Mouse CD11b+ cells

Pathway

- [Arachidonic acid metabolism](#)
- [Linoleic acid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Alzheimer disease](#)

- [Asthma](#)
- [Atherosclerosis](#)
- [Birth Weight](#)
- [Brain Ischemia](#)
- [Bronchial Hyperreactivity](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Drug Hypersensitivity](#)
- [Edema](#)
- [Endometriosis](#)
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- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
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- [Meningeal Neoplasms](#)
- [Meningioma](#)

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- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)