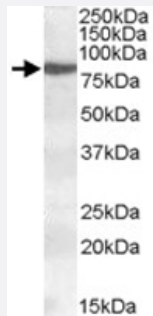


# ALOX15 polyclonal antibody

Catalog # PAB11445      Size 100 ug

## Applications



### Western Blot (Cell lysate)

ALOX15 polyclonal antibody (Cat # PAB11445) (0.2 ug/mL) staining of HeLa nuclear extract (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Specification

**Product Description** Goat polyclonal antibody raised against synthetic peptide of ALOX15.

**Immunogen** A synthetic peptide corresponding to human ALOX15.

**Sequence** C-HYKTDVAVKDDPE

**Host** Goat

**Theoretical MW (kDa)** 74.8

**Reactivity** Human

**Form** Liquid

**Purification** Antigen affinity purification

**Concentration** 0.5 mg/mL

**Quality Control Testing** Antibody Reactive Against Synthetic Peptide.

**Recommend Usage**  
 ELISA (1:32000)  
 Western Blot (0.2-0.5 ug/mL)  
 The optimal working dilution should be determined by the end user.

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Storage Buffer      | In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)                                                                  |
| Storage Instruction | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                                                     |
| Note                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

## Applications

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — ALOX15

|                    |                              |
|--------------------|------------------------------|
| Entrez GeneID      | <a href="#">246</a>          |
| Protein Accession# | <a href="#">NP_001131.3</a>  |
| Gene Name          | ALOX15                       |
| Gene Alias         | 15-LOX-1                     |
| Gene Description   | arachidonate 15-lipoxygenase |
| Omim ID            | <a href="#">152392</a>       |
| Gene Ontology      | <a href="#">Hyperlink</a>    |
| Other Designations | -                            |

## Publication Reference

- [Nonobese diabetic \(NOD\) mice congenic for a targeted deletion of 12/15-lipoxygenase are protected from autoimmune diabetes.](#)

McDuffie M, Maybee NA, Keller SR, Stevens BK, Garmey JC, Morris MA, Kropf E, Rival C, Ma K, Carter JD, Tersey SA, Nunemaker CS, Nadler JL.

Diabetes 2008 Jan; 57(1):199.

Application: WB-Ce, Mouse, Mouse macrophages

## 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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- [Glioblastoma](#)
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- [Pulmonary Disease](#)
- [Stroke](#)
- [Thrombosis](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)