

Datasheet for ABIN2786489  
**anti-ALOX15 antibody (Middle Region)**



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1 Image

1 Publication

## Overview

Quantity:	100 µL
Target:	ALOX15
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Dog, Pig, Rabbit, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALOX15 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ALOX15
Sequence:	QHASVHLGQL DWYSWVPNAP CTMRLPPPTT KDATLETVMA TLPNFHQASL
Predicted Reactivity:	Cow: 92%, Dog: 93%, Human: 100%, Mouse: 85%, Pig: 100%, Rabbit: 100%, Rat: 85%
Characteristics:	This is a rabbit polyclonal antibody against ALOX15. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	ALOX15
Alternative Name:	ALOX15 ( <a href="#">ALOX15 Products</a> )

## Target Details

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Background:	ALOX15 converts arachidonic acid to 15S-hydroperoxyeicosatetraenoic acid. ALOX15 also acts on C-12 of arachidonate as well as on linoleic acid. Alias Symbols: 15-LOX2, 15LOX-1, 15-LOX-1 Protein Size: 662
Molecular Weight:	73 kDa
Gene ID:	246
NCBI Accession:	<a href="#">NM_001140</a> , <a href="#">NP_001131</a>
UniProt:	<a href="#">P16050</a>
Pathways:	<a href="#">Regulation of Actin Filament Polymerization</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 662 AA
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

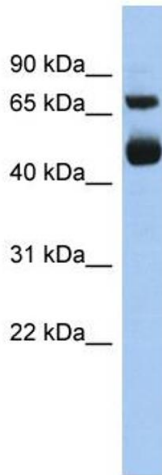
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Product cited in: Wieczfinska, Kacprzak, Pospiech, Sokolowska, Nowakowska, Pniewska, Bednarek, Kuprys-

Lipinska, Kuna, Pawliczak: "The whole-genome expression analysis of peripheral blood mononuclear cells from aspirin sensitive asthmatics versus aspirin tolerant patients and healthy donors after in vitro aspirin challenge." in: **Respiratory research**, Vol. 16, pp. 147, (2015) ([PubMed](#)).

Validation report #101829 for Western Blotting (WB)

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**Western Blotting**

**Image 1. WB Suggested Anti-ALOX15 Antibody Titration:**

0.2-1 ug/ml

**ELISA Titer:** 1:312500

**Positive Control:** Human heart