

Datasheet for ABIN653147  
**anti-ALOX15B antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	ALOX15B
Binding Specificity:	AA 597-627, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALOX15B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This ALOX15B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 597-627 amino acids from the C-terminal region of human ALOX15B.
Clone:	RB17162
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	ALOX15B
Alternative Name:	ALOX15B ( <a href="#">ALOX15B Products</a> )

## Target Details

**Background:** ALOX15B encodes a member of the lipoxygenase family of structurally related nonheme iron dioxygenases involved in the production of fatty acid hydroperoxides. The encoded protein converts arachidonic acid exclusively to 15S-hydroperoxyeicosatetraenoic acid, while metabolizing linoleic acid less effectively. This gene is located in a cluster of related genes and a pseudogene that spans approximately 100 kilobases on the short arm of chromosome 17.

**Molecular Weight:** 75857

**Gene ID:** 247

**NCBI Accession:** [NP\\_001034219](#), [NP\\_001034220](#), [NP\\_001132](#)

**UniProt:** [O15296](#)

## Application Details

**Application Notes:** WB: 1:1000. IHC-P: 1:50~100

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

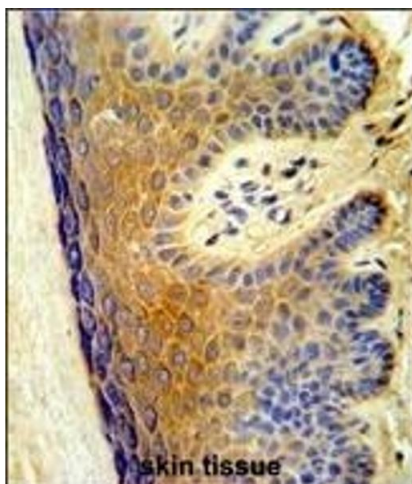
**Preservative:** Sodium azide

**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

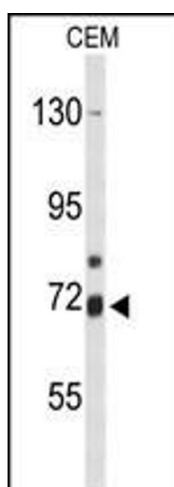
**Storage Comment:** Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

**Expiry Date:** 6 months



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human skin tissue reacted with ALOX15B Antibody (C-term) (ABIN653147 and ABIN2842719), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



#### Western Blotting

**Image 2.** Western blot analysis of ALOX15B Antibody (C-term) (ABIN653147 and ABIN2842719) in CEM cell line lysates (35 µg/lane). ALOX15B (arrow) was detected using the purified Pab.