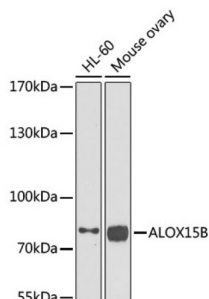
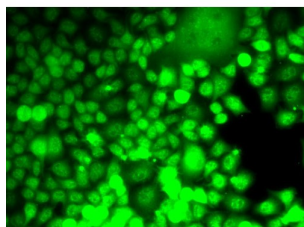


# Polyunsaturated Fatty Acid Lipoygenase ALOX15B (ALOX15B) Antibody

Catalogue No.: abx005232



Western blot analysis of extracts of various cell lines using ALOX15B Antibody (1/1000 dilution).



Immunofluorescence analysis of MCF7 cells using ALOX15B Antibody

ALOX15B Antibody is a Rabbit Polyclonal antibody against ALOX15B. This gene 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. Alternatively spliced transcript variants encoding different isoforms have been described.

**Target:** Polyunsaturated Fatty Acid Lipoygenase ALOX15B (ALOX15B)

**Clonality:** Polyclonal

**Reactivity:** Human, Mouse

**Tested Applications:** WB, IF/ICC

**Host:** Rabbit

**Recommended dilutions:** WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** Recombinant fusion protein corresponding to human ALOX15B

**Isotype:** IgG

# Datasheet

Version: 5.0.0  
Revision date: 04 May 2025



<b>Form:</b>	Liquid
<b>Purification:</b>	Purified by affinity chromatography.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	O15296 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	ALOX15B
<b>GeneID:</b>	<a href="#">247</a>
<b>NCBI Accession:</b>	NP_001132.2
<b>KEGG:</b>	hsa:247
<b>String:</b>	<a href="#">9606.ENSP00000369530</a>
<b>Molecular Weight:</b>	Calculated MW: 67 kDa/69 kDa/72 kDa/75 kDa Observed MW: 76 kDa
<b>Buffer:</b>	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
<b>Concentration:</b>	1 mg/ml
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.