

Datasheet for ABIN7144537

anti-ALOX15B antibody (AA 1-676) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ALOX15B
Binding Specificity:	AA 1-676
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALOX15B antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Arachidonate 15-lipoxygenase B protein (1-676AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ALOX15B
Alternative Name:	ALOX15B (ALOX15B Products)
Background:	Background: Non-heme iron-containing dioxygenase that catalyzes the stereo-specific peroxidation of free and esterified polyunsaturated fatty acids generating a spectrum of

Target Details

bioactive lipid mediators. Converts arachidonic acid to 15S-hydroperoxyeicosatetraenoic acid/(15S)-HPETE. Also acts on linoleic acid to produce 13-hydroxyoctadecadienoic acid/13-HPODE. Has no detectable 8S-lipoxygenase activity but reacts with (8S)-HPETE to produce (8S,15S)-diHPETE. May regulate progression through the cell cycle and cell proliferation. May also regulate cytokine secretion by macrophages and therefore play a role in the immune response. May also regulate macrophage differentiation into proatherogenic foam cells.

Aliases: 15 Lipoxygenase 2 antibody, 15 LO 2 antibody, 15 LOX 2 antibody, 15-lipoxygenase 2 antibody, 15-LOX-2 antibody, 15-LOX-B antibody, Alox15b antibody, Arachidonate 15 lipoxygenase second type antibody, Arachidonate 15 lipoxygenase type II antibody, Arachidonate 15-lipoxygenase B antibody, Arachidonate 15-lipoxygenase type II antibody, LX15B_HUMAN antibody

UniProt: [O15296](#)

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.