

Basic Information

Product Name	Anti-15 Lipoxygenase 2/ALOX15B Antibody	
Gene Name	ALOX15B	
Source	Rabbit	
Clonality	Polyclonal	
Isotype	IgG	
Species Reactivity	human, mouse, rat	
Tested Application	WB, ELISA	
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg BSA and 50% glycerol.	
Immunogen	E.coli-derived human ALOX15B recombinant protein (Position: M1-L354).	
Concentration	500 ug/ml	
Purification	Immunogen affinity purified.	
Observed MW	67-76 kDa	
Dilution Ratios	Western blot (WB):	1:500-2000
	Enzyme linked immunosorbent assay (ELISA):	1:100-1000

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

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.

Selected Validation Data

Product datasheet

Anti-15 Lipxygenase 2/ALOX15B

Antibody

Catalog Number: A04331-2

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