Rabbit anti-Human ALOX15B Polyclonal Antibody | anti-ALOX15B antibody

ALOX15B Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283664	**Rabbit**	**Human**	**Western Blot, Immunohistochemistry, ELISA**

PRODUCT SYNONYMS

ALOX15B; Polyclonal Antibody; ALOX15B Antibody (C-term); Arachidonate 15-lipoxygenase B; 15-LOX-B; 15-lipoxygenase 2; 15-LOX-2; Arachidonate 15-lipoxygenase type II; Linoleate 13-lipoxygenase 15-LOb; 11311-; anti-ALOX15B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	597-627
Sequence Length	647
Applicable Applications for anti-ALOX15B antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human skin tissue reacted with ALOX15B Antibody (C-term) ,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.

WB (Western Blot)
Western blot analysis of ALOX15B Antibody (C-term) in CEM cell line lysates (35ug/lane). ALOX15B (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ALOX15B antibody	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.
Product Categories/Family for anti-ALOX15B antibody	Cardiovascular; Metabolism; Signal transduction
References	Wecksler,A.T., et.al., Biochemistry 48 (36), 8721-8730 (2009) Kawakami,Y., et.al, Biosci. Biotechnol. Biochem. 73 (8), 1811-1817 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	85067499
NCBI GeneID	247
NCBI Accession #	NP_001034219.1; NP_001034220.1; NP_001132.2
NCBI GenBank Nucleotide #	NM_001039130.1
UniProt Accession #	O15296; Q8IYQ2; Q8TEV3; Q8TEV4; Q8TEV5; Q8TEV6; Q9UKM4; D3DTR2
Molecular Weight	75857
NCBI Official Full Name	arachidonate 15-lipoxygenase B isoform a
NCBI Official Synonym Full Names	arachidonate 15-lipoxygenase, type B
NCBI Official Symbol	ALOX15B
NCBI Official Synonym Symbols	15-LOX-2
NCBI Protein Information	arachidonate 15-lipoxygenase B
UniProt Protein Name	Arachidonate 15-lipoxygenase B
UniProt Gene Name	**ALOX15B**
UniProt Synonym Gene Names	15-LOX-B; 15-LOX-2
UniProt Entry Name	LX15B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/alox15b-antibody-western-blot-immunohistochemistry-elisa/283664