

Rabbit anti-Human Arachidonate 15-lipoxygenase B Polyclonal Antibody | anti-ALOX15B antibody

Rabbit anti-human Arachidonate 15-lipoxygenase B polyclonal Antibody(ALOX15B)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118846	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

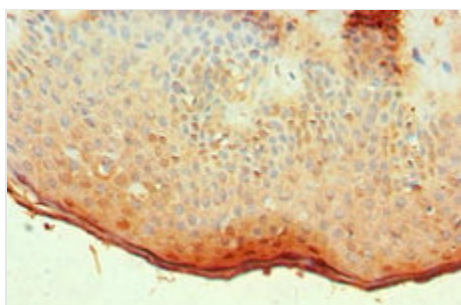
PRODUCT SYNONYMS

Arachidonate 15-lipoxygenase B; Polyclonal Antibody; Rabbit anti-human Arachidonate 15-lipoxygenase B polyclonal Antibody(ALOX15B); 15-LOX-B; 15-lipoxygenase 2; 15-LOX-2; Arachidonate 15-lipoxygenase type II; Linoleate 13-lipoxygenase 15-LOB; ALOX15B; anti-ALOX15B antibody

PRODUCT SPECIFICATIONS

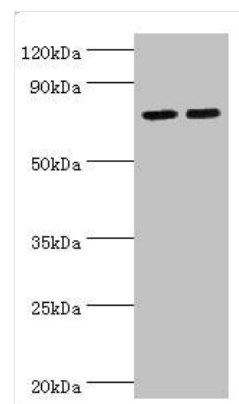
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	647
Applicable Applications for anti-ALOX15B antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Arachidonate 15-lipoxygenase B protein(1-200aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-46048 / sc-46049 / sc-46050 / sc-67142
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human skin using AAA118846 at dilution 1:100



WB (Western Blot)

All lanes: Arachidonate 15-lipoxygenase B antibody at 11ug/ml
Lane 1: MCF-7 whole cell lysate
Lane 2: 293T whole cell lysate
Secondary: Goat polyclonal to rabbit at 1/10000 dilution
Predicted band size: 76,68,70,73 kDa
Observed band size: 76 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ALOX15B antibody	Non-heme iron-containing dioxygenase that catalyzes the stereo-specific peroxidation of free and esterified polyunsaturated fatty acids generating a spectrum of 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	85067499
NCBI GeneID	247
NCBI Accession #	NP_001034219.1
NCBI GenBank Nucleotide #	NM_001039130.1
UniProt Accession #	O15296; Q8IYQ2; Q8TEV3; Q8TEV4; Q8TEV5; Q8TEV6; Q9UKM4; D3DTR2
Molecular Weight	72,523 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/arachidonate-15-lipoxygenase-b-antibody-immunohistochemistry-western-blot-elisa/118846>