

Rabbit anti-Human ALOX15 Polyclonal Antibody | anti-ALOX15 antibody

ALOX15 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290176	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

ALOX15; Polyclonal Antibody; ALOX15 Antibody (C-term); Arachidonate 15-lipoxygenase; 15-LOX; 15-LOX-1; 12/15-lipoxygenase; Arachidonate 12-lipoxygenase; leukocyte-type; 12-LOX; Arachidonate omega-6 lipoxygenase; LOG15; anti-ALOX15 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ALOX15 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 610-643 amino acids from the C-terminal region of human ALOX15.
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	610-643
Sequence Length	623
Applicable Applications for anti-ALOX15 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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



IF (Immunofluorescence)

Confocal immunofluorescent analysis of ALOX15 Antibody (C-term) with hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human lymph tissue reacted with ALOX15 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)

ALOX15 Antibody (C-term) western blot analysis in Hela(lane 1),A549(lane 2),K562(lane 3),MDA-MB435(lane 4) cell line lysates (35ug/lane).This demonstrates the ALOX15 antibody detected the ALOX15 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ALOX15 antibody	ALOX15 converts arachidonic acid to 15S-hydroperoxyeicosatetraenoic acid. The protein also acts on C-12 of arachidonate as well as on linoleic acid.
Product Categories/Family for anti-ALOX15 antibody	Cancer; Cardiovascular; Metabolism; Signal transduction
References	Tang,Y., Int. J. Cancer 124 (7), 1545-1551 (2009) Bevan,S., Stroke 40 (3), 696-701 (2009) Zuo,X., J. Biol. Chem. 283 (46), 31341-31347 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	40316937
NCBI GeneID	246
NCBI Accession #	NP_001131.3
NCBI GenBank Nucleotide #	NM_001140.3
UniProt Accession #	P16050; Q8N6R7; Q99657; A8K2P4; B7ZA11
Molecular Weight	74804
NCBI Official Full Name	arachidonate 15-lipoxygenase
NCBI Official Synonym Full Names	arachidonate 15-lipoxygenase
NCBI Official Symbol	ALOX15
NCBI Official Synonym Symbols	12-LOX; 15LOX-1; 15-LOX-1
NCBI Protein Information	arachidonate 15-lipoxygenase
UniProt Protein Name	Arachidonate 15-lipoxygenase
UniProt Gene Name	ALOX15
UniProt Synonym Gene Names	LOG15; 15-LOX; 15-LOX-1; 12-LOX
UniProt Entry Name	LOX15_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/alox15-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/290176>