

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

Anti-ALOX15 Antibody

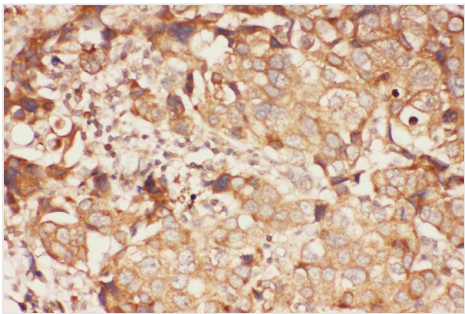
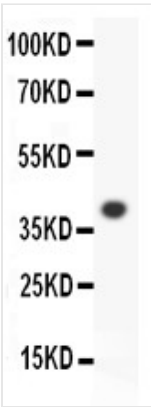
CATALOG # AAA45653	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

ALOX15; Polyclonal Antibody; Anti-ALOX15 Antibody; Arachidonate 15-lipoxygenase; arachidonate 15-lipoxygenase; 15 lipoxygenase 1 antibody; 15 LIPOXYGENASE RETICULOCYTE ARACHIDONATE antibody; 15 LOX antibody; 15 LOX 1 antibody; 15-LOX antibody; 15LOX 1 antibody; ALOX15 antibody; Arachidonate 15 lipoxygenase antibody; Arachidonate 15-lipoxygenase antibody; Arachidonate omega 6 lipoxygenase antibody; Arachidonate omega-6 lipoxygenase antibody; LOG15 antibody; LOX15_HUMAN antibody; anti-ALOX15 antibody

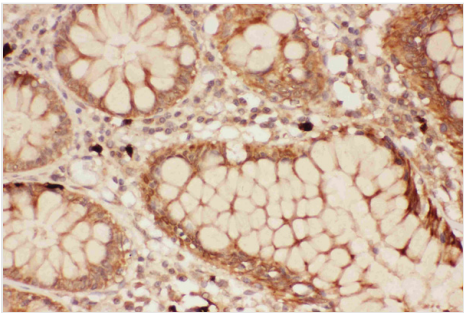
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	662
Applicable Applications for anti-ALOX15 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human ALOX15 recombinant protein (Position: G2-P337). Human ALOX15 shares 72% and 73% amino acid (aa) sequences identity with mouse and rat ALOX15, respectively.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

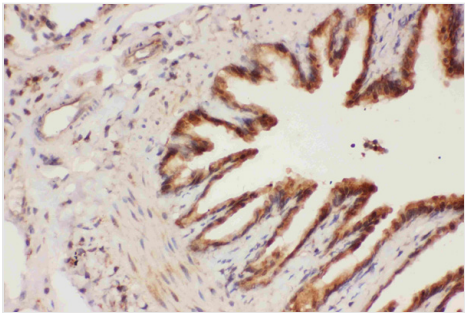


IHC (Immunohistochemistry)
Anti-ALOX15 Picoband antibody, AAA45653-4.JPGIHC(P): Human Mammary Cancer Tissue

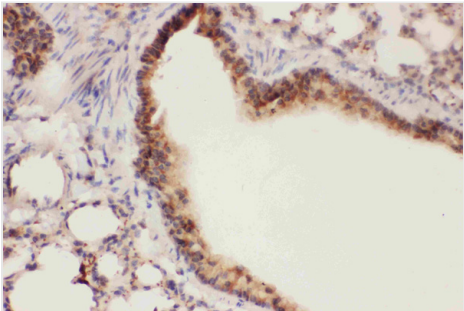
WB (Western Blot)
Anti-ALOX15 Picoband antibody, AAA45653-5.jpgAll lanes: Anti-ALOX15(AAA45653) at 0.5ug/mWB: Recombinant Human ALOX15 Protein 0.5ngPredicted bind size: 39KDObserved bind size: 39KD



IHC (Immunohistochemisry)
Anti-ALOX15 Picoband antibody, AAA45653-3.JPGIHC(P): Human Intestine Cancer Tissue



IHC (Immunohiostchemistry)
Anti-ALOX15 Picoband antibody, AAA45653-2.JPGIHC(P): Rat Lung Tissue



IHC (Immunohistochemistry)
Anti-ALOX15 Picoband antibody, AAA45653-1.JPGIHC(P): Mouse Lung Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-ALOX15 antibody

Description: Rabbit IgG polyclonal antibody for Arachidonate 15-lipoxygenase(ALOX15) detection. Tested with WB, IHC-P in Human.

Background: Arachidonate 15-lipoxygenase, also known as 15 LOX or LOG15, is an enzyme that in humans is encoded by the ALOX15 gene. This gene is mapped to 17p13.2. It is found that ALOX15 is a mutator gene. ALOX15 gene product is implicated in antiinflammation, membrane remodeling, and cancer development/metastasis. Loss of the TP53 gene, or gain-of-function activities resulting from the expression of its mutant forms regulates ALOX15 promoter activity in human and in mouse, albeit in directionally opposite manners.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126396
NCBI GeneID	246

UniProt Accession #	P16050 ; Q8N6R7 ; Q99657 ; A8K2P4 ; B7ZA11
Molecular Weight	70,108 Da
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; 15-LOX; 12/15-lipoxygenase; 15-lipoxygenase-1; arachidonate omega-6 lipoxygenase; arachidonate 12-lipoxygenase, leukocyte-type
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/alox15-antibody-immunohistochemistry-western-blot-elisa/45653>