

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

ALOX15B Polyclonal Antibody

CATALOG # AAA279680	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

ALOX15B; Polyclonal Antibody; ALOX15B Polyclonal Antibody; 15-LOX-2; anti-ALOX15B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	676
Applicable Applications for anti-ALOX15B antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human ALOX15B
Calculated Molecular Weight	76kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using ALOX15B antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ALOX15B antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-ALOX15B antibody

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.

Product Categories/Family for anti- ALOX15B antibody	Polyclonal
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NCBI AND UNIPROT INFORMATION

NCBI GI #	317373425
NCBI GeneID	247
UniProt Accession #	O15296; Q8IYQ2; Q8TEV3; Q8TEV4; Q8TEV5; Q8TEV6; Q9UKM4; D3DTR2
Molecular Weight	676
NCBI Official Full Name	Arachidonate 15-lipoxygenase B
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; 15-LOX-B; 15S-lipoxygenase; arachidonate 15-lipoxygenase 2; linoleate 13-lipoxygenase 15-LOb; arachidonate omega(6) lipoxygenase; arachidonate 15-lipoxygenase type II; arachidonate 15-lipoxygenase, second type
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/alox15b-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/279680>