

Rabbit anti-Human, Mouse 15-LO2 Polyclonal Antibody | anti-15-LO2 antibody

Rabbit anti-15-LO2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA221067	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

15-LO2; Polyclonal Antibody; Rabbit anti-15-LO2 Antibody; Arachidonate 15-lipoxygenase B; 15-LOX-B; 15-lipoxygenase 2; 15-LOX-2; Arachidonate 15-lipoxygenase type II; Linoleate 13-lipoxygenase 15-LOb; anti-15-LO2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-15-LO2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human 15-LO2
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



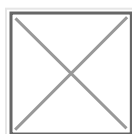
IF (Immunofluorescence)

Immunofluorescent analysis of 15-LO2 staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of 15-LO2 staining in mouse lung formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of 15-LO2 expression in HL60 (A), mouse ovary (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-15-LO2 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	85067501
NCBI GeneID	247
NCBI Accession #	NP_001132.2
NCBI GenBank Nucleotide #	NM_001141.2
UniProt Accession #	O15296; Q8IYQ2; Q8TEV3; Q8TEV4; Q8TEV5; Q8TEV6; Q9UKM4; D3DTR2
Molecular Weight	75,857 Da
NCBI Official Full Name	arachidonate 15-lipoxygenase B isoform d
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; OTTHUMP00000135321; arachidonate 15-lipoxygenase 2; 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 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/15-lo2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/221067>