

Rabbit anti-Human 15-Lox-2 Polyclonal Antibody | anti-15-Lox-2 antibody

Rabbit Anti 15-Lox-2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA71353	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

15-Lox-2; Polyclonal Antibody; Rabbit Anti 15-Lox-2 Polyclonal Antibody; Rabbit anti-15-LOX1 Polyclonal Antibody; arachidonate 15-lipoxygenase Type B; ALOX2; Rabbit anti-15-LOX-2; anti-15-Lox-2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	This antibody recognizes ~73kDa of 15-LOX2 protein. It reacts with human. The other species are not tested.
Purity/Purification	The Rabbit IgG is purified by Epitope Affinity Purification
Form/Format	This affinity purified antibody is supplied in sterile phosphate-buffered saline (pH7.2) containing antibody stabilizer
Applicable Applications for anti-15-Lox-2 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), ELISA, WB (Western Blot)
Preparation	A synthetic peptide corresponding to the internal sequence oh Human 15-LOX-2.
Positive Control	Lung Tissue
Cellular Location	Cytoplasmic
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C-8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



WB (Western Blot)

Western Blot: The Cell lysatederived from HT-29 wereresolved onto 10% SDSPAGE, transferred onto NCmembrane, and immunoblotted by Rabbit anti 15-LOX2 at1:500. An immunoreactiveband around ~75 kDa wasobserved.

ADDITIONAL INFORMATION

Related Product Information for anti-15-Lox-2 antibody	This gene encodes a member of the lipoxygenase family of structurally related nonheme iron dioxygenases involved in the production of fatty acid hydroperoxides. Alternatively spliced transcript variants encoding different isoforms. 15-Lipoxygenase 2 (15-LOX2) is a human lipoxygenase that shows tissue-restricted expression in prostate, lung, skin, and cornea. The protein level and enzymatic activity of 15-LOX2 have been shown to be down-regulated in prostate cancers compared with normal and benign prostate tissues. The biological function of 15-LOX2 and the role of loss of 15-LOX2 expression in prostate tumorigenesis
References	Tang,S., Bhatia,B., Maldonado,C.J., Yang,P., Newman,R.A., Liu,J.,et al. Evidence that arachidonate 15-lipoxygenase 2 is a negative cell cycle regulator in normal prostate epithelial cells. J. Biol. Chem. 277 (18), 16189-16201 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GeneID	247
Molecular Weight	~73 kDa

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-lox-2-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/71353>