

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

ALOX15 Antibody

CATALOG # AAA303541	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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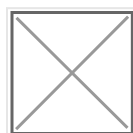
PRODUCT SYNONYMS

ALOX15; Polyclonal Antibody; ALOX15 Antibody; 15-lipoxygenase-1; 15-LOX; 15-LOX-1; 15LOX-1; anti-ALOX15 antibody

PRODUCT SPECIFICATIONS

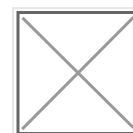
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total ALOX15 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	662
Applicable Applications for anti-ALOX15 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human arachidonate 15-lipoxygenase
Target Name	ALOX15
Preparation and Storage	Store at -20°C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/60.



Application Data

Gel: 10%SDS-PAGE Lysate: 40ug Hela cell Primary antibody: 1/1300 dilution Secondary antibody dilution: 1/8000 Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-ALOX15 antibody

Arachidonate 15-lipoxygenase is an enzyme that in humans is encoded by the ALOX15 gene. The ALOX15 gene maps to 17p13.3 in close proximity to the tumor-suppressor gene TP53. The ALOX15 gene product is implicated in antiinflammation, membrane remodeling, and cancer development/metastasis. Converts arachidonic acid to 15S-hydroperoxyeicosatetraenoic acid. Also acts on C-12 of arachidonate as well as on linoleic acid.

Product Categories/Family for anti-
ALOX15 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	197101355
NCBI GeneID	100174413
NCBI Accession #	NP_001127349.1
NCBI GenBank Nucleotide #	NM_001133877.1
UniProt Accession #	Q5RBE8
Molecular Weight	SDS-PAGE MW: 75kd
NCBI Official Full Name	arachidonate 15-lipoxygenase
NCBI Official Symbol	ALOX15
NCBI Official Synonym Symbols	12-LOX; L-12LO
NCBI Protein Information	arachidonate 15-lipoxygenase
UniProt Protein Name	Arachidonate 15-lipoxygenase
UniProt Gene Name	ALOX15
UniProt Synonym Gene Names	15-LOX; 12-LOX; L-12LO
UniProt Entry Name	LOX15_PONAB

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/alox15-antibody-immunohistochemistry-western-blot-elisa/303541>