

Rabbit anti-Human Arachidonate-12-Lipoxygenase Polyclonal Antibody | anti-ALOX12 antibody

Polyclonal Antibody to Arachidonate-12-Lipoxygenase (ALOX12)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA142663	Rabbit	Human	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Arachidonate-12-Lipoxygenase; Polyclonal Antibody; Polyclonal Antibody to Arachidonate-12-Lipoxygenase (ALOX12); anti-ALOX12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against ALOX12. It has been selected for its ability to recognize ALOX12 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-FQLHEIQY HLLNTHLVAE VIAVATMRCL PGLHPIFKFL IPHIRYTMET NTRARTQLIS DGGIFDKAVS TGGGGHVQLL RRAAAQLTYC SLCPPDDLAD RGLLGLPGAL YAHDALRLWE IARYVEGIV HLFYQRDDIV KGDPELQAWC REITEVGLCQ AQDRGFVVSF QSQSQLCHF L TMCVFTCTAQ HAAINQGQLD WYAWVPNAPC TMRMPPPTK EDVTMATVMG SLPDVRQACL QMAISWHLR RQPDMPVPLGH HKEKYFSGPK PKAVLNQFRT DLEKLEKEIT ARNEQLDWPY E
Sequence Length	663
Applicable Applications for anti-ALOX12 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	ALOX12 (Phe352~Cys656)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human
Conjugate	No Conjugate
Immunogen	Recombinant ALOX12 (Phe352~Cys656) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Kidney Tissue.



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Stomach Tissue.



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Liver Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant ALOX12, Human.

NCBI AND UNIPROT INFORMATION

NCBI GI #	154426292
NCBI GeneID	239
NCBI Accession #	NP_000688.2
NCBI GenBank Nucleotide #	NM_000697.2
UniProt Accession #	P18054; O95569; Q6ISF8; Q9UQM4
Molecular Weight	75,694 Da
NCBI Official Full Name	arachidonate 12-lipoxygenase, 12S-type
NCBI Official Synonym Full Names	arachidonate 12-lipoxygenase, 12S type
NCBI Official Symbol	ALOX12
NCBI Official Synonym Symbols	LOG12; 12-LOX; 12S-LOX
NCBI Protein Information	arachidonate 12-lipoxygenase, 12S-type
UniProt Protein Name	Arachidonate 12-lipoxygenase, 12S-type
UniProt Gene Name	ALOX12
UniProt Synonym Gene Names	12LO; LOG12; 12S-LOX; 12S-lipoxygenase

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/arachidonate-12-lipoxygenase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/142663>