

Rabbit anti-Mouse Arachidonate-5-Lipoxygenase (ALOX5) Polyclonal Antibody | anti-ALOX5 antibody

Polyclonal Antibody to Arachidonate-5-Lipoxygenase (ALOX5)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA130670	Rabbit	Mouse	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

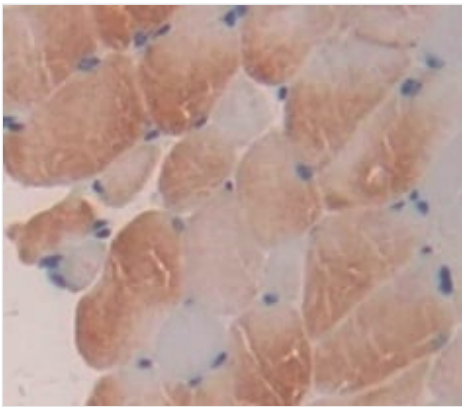
PRODUCT SYNONYMS

Arachidonate-5-Lipoxygenase (ALOX5); Polyclonal Antibody; Polyclonal Antibody to Arachidonate-5-Lipoxygenase (ALOX5); anti-ALOX5 antibody

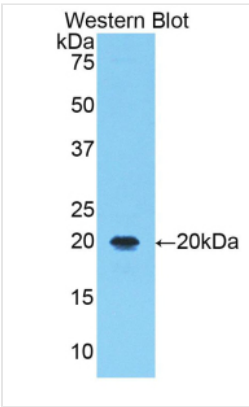
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against ALOX5. It has been selected for its ability to recognize ALOX5 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-LVSEVFGI AMYRQLPAVH PLFKLLVAHV RFTIAINTKA REQLICEYGL FDKANATGGG GHVQMVQRAV QDLTYSSLCF PEAIKARGMD STEDIPFYFY RDDGLLVWEA IQSFTMEVVS IYYENDQVVE EDQELQDFVK DVYVYGMRGK KASGFPSIK SREKL
Sequence Length	674
Applicable Applications for anti-ALOX5 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant ALOX5 (Leu374~Leu536) expressed in E.coli.
Cross Reactivity	Mouse
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 (Immunohiostchemistry)
DABstainingonIHC-P.Samples:MouseTissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62526037
NCBI GeneID	11689
NCBI Accession #	NP_033792.1
NCBI GenBank Nucleotide #	NM_009662.2
UniProt Accession #	P48999; Q3TB75
Molecular Weight	77,967 Da
NCBI Official Full Name	arachidonate 5-lipoxygenase
NCBI Official Synonym Full Names	arachidonate 5-lipoxygenase
NCBI Official Symbol	Alox5
NCBI Official Synonym Symbols	5LO; 5LX; 5-LO; 5-LOX; A1850497; F730011J02
NCBI Protein Information	arachidonate 5-lipoxygenase
UniProt Protein Name	Arachidonate 5-lipoxygenase
UniProt Gene Name	Alox5
UniProt Synonym Gene Names	5-LO; 5-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-5-lipoxygenase-alox5-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/130670>