

Rabbit 5-Lipoxygenase (phospho-Ser272) Polyclonal Antibody | anti-ALOX5 antibody

5-Lipoxygenase (phospho-Ser272) Antibody

CATALOG # AAA310499	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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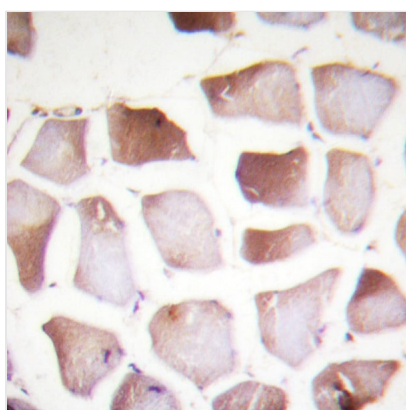
PRODUCT SYNONYMS

5-Lipoxygenase (phospho-Ser272); Polyclonal Antibody; 5-Lipoxygenase (phospho-Ser272) Antibody; LOG5; Arachidonate 5-lipoxygenase; 5-LO; 5-lipoxygenase; anti-ALOX5 antibody

PRODUCT SPECIFICATIONS

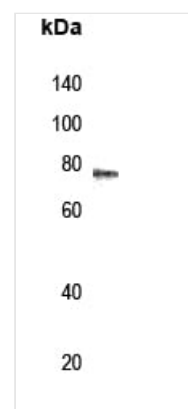
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Recognizes endogenous levels of 5-Lipoxygenase (phospho-Ser272) protein.
Purity/Purification	Immunogen affinity chromatography
Form/Format	Phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1 mg/mL (varies by lot)
Sequence Length	674
Applicable Applications for anti-ALOX5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ALOX5.
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of 5-Lipoxygenase (phospho-Ser272) staining in human skeletal muscle formalin fixed paraffin embedded tissue section. 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 5-Lipoxygenase (phospho-Ser272) expression in HuvEc whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ALOX5 antibody	Phospho-specific Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502057
NCBI GeneID	240
NCBI Accession #	NP_000689.1
NCBI GenBank Nucleotide #	NM_000698.5
UniProt Accession #	P09917; Q5JQ14; B7ZLS0; E5FPY5; E5FPY7; E5FPY8
Molecular Weight	78 kDa
NCBI Official Full Name	arachidonate 5-lipoxygenase isoform 1
NCBI Official Synonym Full Names	arachidonate 5-lipoxygenase
NCBI Official Symbol	ALOX5
NCBI Official Synonym Symbols	5-LO; 5LPG; LOG5; 5-LOX
NCBI Protein Information	arachidonate 5-lipoxygenase
UniProt Protein Name	Arachidonate 5-lipoxygenase
UniProt Gene Name	ALOX5
UniProt Synonym Gene Names	LOG5; 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/5-lipoxygenase-phospho-ser272-antibody-immunohistochemistry-western-blot-elisa/310499>