

Rabbit anti-Human, Rat ALOX5 Polyclonal Antibody | anti-ALOX5 antibody

Phospho-ALOX5 (Ser523) Antibody

CATALOG # AAA243241	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Western Blot, ELISA
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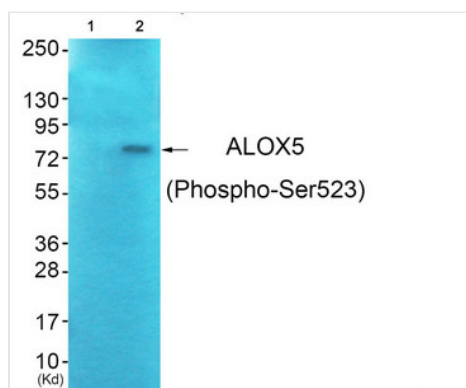
PRODUCT SYNONYMS

ALOX5; Polyclonal Antibody; Phospho-ALOX5 (Ser523) Antibody; 5-lipoxygenase; 5-LO; 5-LOX; 5LPG; Arachidonate 5-lipoxygenase; arachidonic acid 5-lipoxygenase; leukotriene A4 synthase; LOG5; LOX5; MGC163204; anti-ALOX5 antibody

PRODUCT SPECIFICATIONS

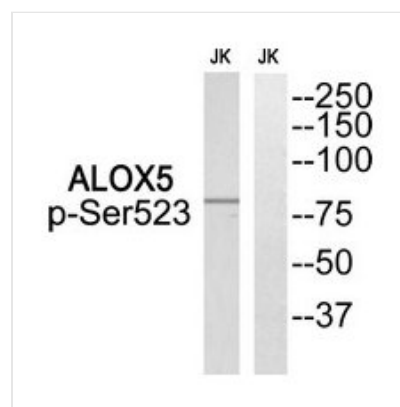
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Liquid; Rabbit IgG In Phosphate Buffered Saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol.
Applicable Applications for anti-ALOX5 antibody	WB (Western Blot), ELISA
Immunogen	Peptide sequence around phosphorylation site of serine 523 (R-K-S(p)-K-G) derived from Human ALOX5.
Immunogen Species	Human
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from JK cells (Lane 2), using ALOX5 (Phospho-Ser523) Antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using ALOX5 (Phospho-Ser523) antibody. The lane on the right is treated with the synthesized peptide.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ALOX5 antibody	Signal Transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502057
NCBI GeneID	240
NCBI Accession #	NP_000689.1
NCBI GenBank Nucleotide #	NM_000698.3
UniProt Accession #	P09917; Q5JQ14
Molecular Weight	77,983 Da
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; LOX-5; leukotriene A4 synthase; arachidonic acid 5-lipoxygenase; arachidonic 5-lipoxygenase alpha-10 isoform; arachidonic 5-lipoxygenase delta-13 isoform; arachidonic 5-lipoxygenase delta-p10 isoform; arachidonic 5-lipoxygenas
UniProt Protein Name	Arachidonate 5-lipoxygenase
UniProt Gene Name	ALOX5
UniProt Synonym Gene Names	LOG5; 5-LO
UniProt Entry Name	LOX5_HUMAN

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/alox5-antibody-western-blot-elisa/243241>