

Rabbit ALOX15 Polyclonal Antibody | anti-ALOX15 antibody

ALOX15 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200535	Rabbit	Tested Reactivity: Human(Predicted Reactivity: Cow, Dog, Human, Mouse, Pig, Rabbit, Rat)	Western Blot

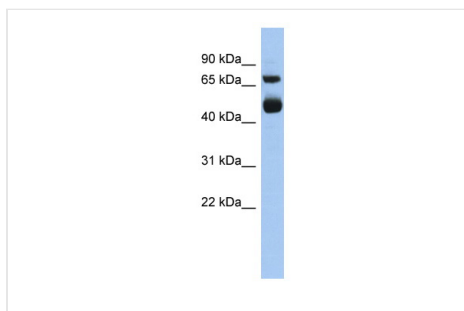
PRODUCT SYNONYMS

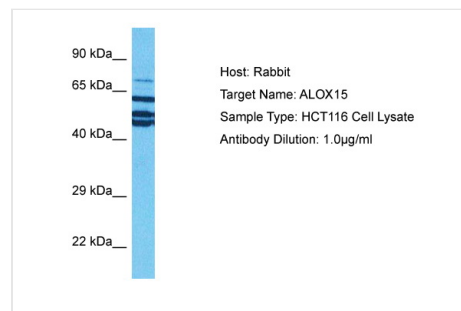
ALOX15; Polyclonal Antibody; ALOX15 antibody - middle region; anti-ALOX15 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Reactivity: Human(Predicted Reactivity: Cow, Dog, Human, Mouse, Pig, Rabbit, Rat)
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid; Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: QH ASVHLGQLDW YSWVPNAPCT MRLPPPTTKD ATLETVMATL PNFHQASL
Sequence Length	662
Applicable Applications for anti-ALOX15 antibody	WB (Western Blot)
Homology	Cow: 92%; Dog: 93%; Human: 100%; Mouse: 85%; Pig: 100%; Rabbit: 100%; Rat: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ALOX15
Protein Size (#AA)	662 amino acids
Replacement Item	This antibody may replace item sc-105003 from Santa Cruz Biotechnology.
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-ALOX15 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Human heart

WB (Western Blot)

Host: Rabbit
Target Name: ALOX15
Sample Type: HCT116 Cell Lysate
Antibody Dilution: 1.0 µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ALOX15 antibody	This is a rabbit polyclonal antibody against ALOX15. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ALOX15 converts arachidonic acid to 15S-hydroperoxyeicosatetraenoic acid. ALOX15 also acts on C-12 of arachidonate as well as on linoleic acid.
Product Categories/Family for anti-ALOX15 antibody	Polyclonal; Lymphocyte Signaling; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	40316937
NCBI GeneID	246
NCBI Accession #	NP_001131
NCBI GenBank Nucleotide #	NM_001140
UniProt Accession #	P16050
Molecular Weight	73kDa
NCBI Official Full Name	arachidonate 15-lipoxygenase
NCBI Official Synonym Full Names	arachidonate 15-lipoxygenase
NCBI Official Symbol	ALOX15
NCBI Official Synonym Symbols	LOG15; 12-LOX; 15-LOX; 15-LOX-1
NCBI Protein Information	arachidonate 15-lipoxygenase
UniProt Protein Name	Arachidonate 15-lipoxygenase
UniProt Gene Name	ALOX15
UniProt Synonym Gene Names	LOG15; 15-LOX
UniProt Entry Name	LOX15_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/alox15-antibody-western-blot-elisa/200535>