

Rabbit anti-Human Arachidonate-5-Lipoxygenase Polyclonal Antibody | anti-ALOX5 antibody

Polyclonal Antibody to Arachidonate-5-Lipoxygenase (ALOX5)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA142574	Rabbit	Human	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

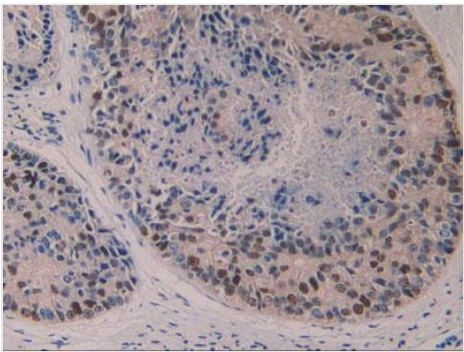
PRODUCT SYNONYMS

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

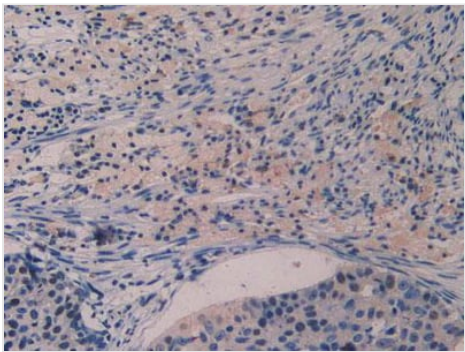
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
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	Liquid
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-ESKEDIPY YFYRDDGLLV WEAIRFTAE VVDIYYEGDQ VVEEDPELQD FVNDVYVYGM RGRKSSGFPG SVKSREQLSE YLTVVIFTAS AQHA AVNFGQ YDWCSWIPNA PPTMRAPPPT AGGVVTIEQI VDTLPDRGRS CWHLGAVWAL SQFQENELFL GM
Applicable Applications for anti-ALOX5 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	ALOX5 (Glu461~Ser671)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human
Conjugate	No Conjugate
Immunogen	Recombinant ALOX5 (Glu461~Ser671) 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.

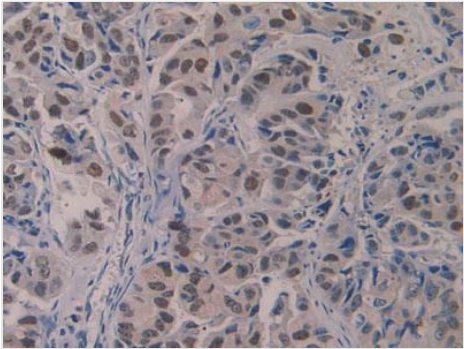
IMAGES



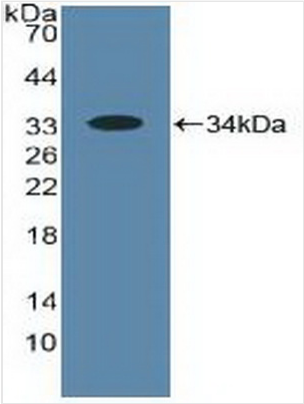
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Prostate Gland Cancer Tissue



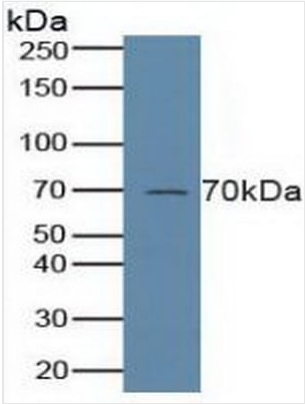
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Lung Cancer Tissue



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



WB (Western Blot)
Western Blot: Sample: Recombinant ALOX5, Human.



WB (Western Blot)
Western Blot: Sample: Human Placenta Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40316937
NCBI GeneID	246
NCBI Accession #	NP_001131.3
NCBI GenBank Nucleotide #	NM_001140.4
UniProt Accession #	P16050; Q8N6R7; Q99657; A8K2P4; B7ZA11
Molecular Weight	70,108 Da

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; 12-LOX

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-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/142574>