

## Rabbit ALOX5 Polyclonal Antibody | anti-ALOX5 antibody

ALOX5 Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA237028</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

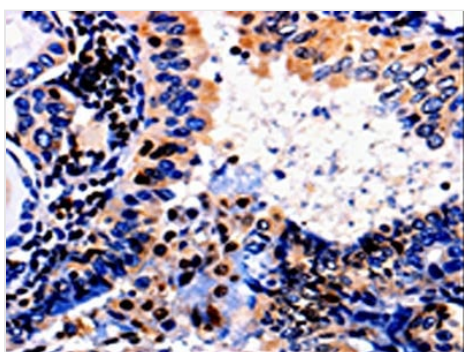
### PRODUCT SYNONYMS

ALOX5; Polyclonal Antibody; ALOX5 Antibody; Arachidonate 5-lipoxygenase; anti-ALOX5 antibody

### PRODUCT SPECIFICATIONS

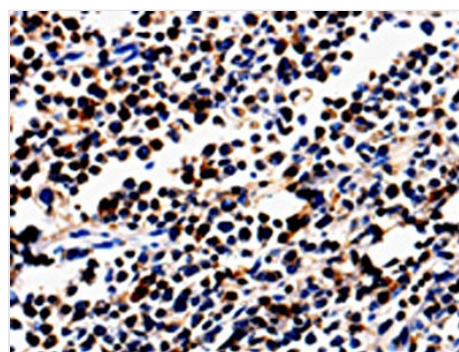
|                                                 |                                                                                         |
|-------------------------------------------------|-----------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                  |
| Reactivity                                      | Human, Mouse, Rat                                                                       |
| Clonality                                       | Polyclonal                                                                              |
| Isotype                                         | IgG                                                                                     |
| Purity/Purification                             | Antigen Affinity Purification                                                           |
| Form/Format                                     | Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN <sub>3</sub> , and 40% Glycerol |
| Applicable Applications for anti-ALOX5 antibody | IHC (Immunohistochemistry), ELISA                                                       |
| Immunogen                                       | Fusion protein of 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



IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using AAA237028 (ALOX5 Antibody) at dilution 1/50. (Original magnification: ×200)



IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human colon cancer tissue using AAA237028 (ALOX5 Antibody) at dilution 1/50. (Original magnification: ×200)

### ADDITIONAL INFORMATION

|                                                   |                     |
|---------------------------------------------------|---------------------|
| Product Categories/Family for anti-ALOX5 antibody | Signal Transduction |
|---------------------------------------------------|---------------------|

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                | <b>ALOX5</b>                                                                                                                                                                                                                                                    |
| 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://www.aaabiotech.com/polyclonal/alox5-antibody-immunohistochemistry-elisa/237028>