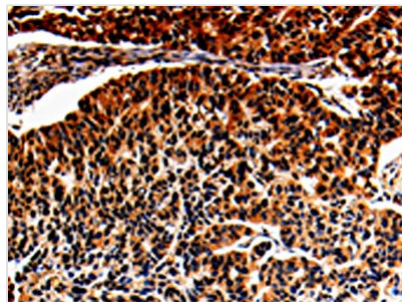




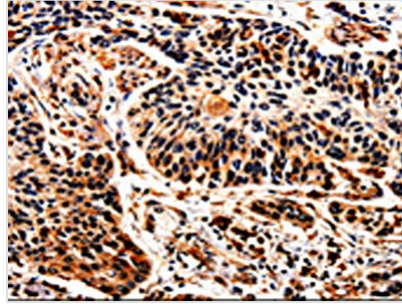
# ALOX5 Antibody

|                            |   |
|----------------------------|---|
| <b>Product Code</b>        | CSB-PA787659  |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.   |
| <b>Uniprot No.</b>         | P09917  |
| <b>Immunogen</b>           | Fusion protein of Human ALOX5   |
| <b>Raised In</b>           | Rabbit  |
| <b>Species Reactivity</b>  | Human,Mouse,Rat   |
| <b>Tested Applications</b> | ELISA,IHC;ELISA:1:500-1:2000,IHC:1:25-1:100   |
| <b>Relevance</b>           | This gene encodes a member of the lipoxygenase gene family and plays a dual role in the synthesis of leukotrienes from arachidonic acid. The encoded protein, which is expressed specifically in bone marrow-derived cells, catalyzes the conversion of arachidonic acid to 5(S)-hydroperoxy-6-trans-8,11,14-cis-eicosatetraenoic acid, and further to the allylic epoxide 5(S)-trans-7,9-trans-11,14-cis-eicosatetrenoic acid (leukotriene A4). Leukotrienes are important mediators of a number of inflammatory and allergic conditions. Mutations in the promoter region of this gene lead to a diminished response to antileukotriene drugs used in the treatment of asthma and may also be associated with atherosclerosis and several cancers. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. |
| <b>Form</b>                | Liquid  |
| <b>Conjugate</b>           | Non-conjugated  |
| <b>Storage Buffer</b>      | -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol  |
| <b>Purification Method</b> | Antigen affinity purification   |
| <b>Isotype</b>             | IgG   |
| <b>Alias</b>               | Arachidonate 5-lipoxygenase   |
| <b>Species</b>             | Homo sapiens (Human)  |
| <b>Target Names</b>        | ALOX5   |

## Image



The image is immunohistochemistry of paraffin-embedded Human lung cancer tissue using CSB-PA787659(ALOX5 Antibody) at dilution 1/25. (Original magnification: x200)



The image is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using CSB-PA787659(ALOX5 Antibody) at dilution 1/25. (Original magnification: ×200)