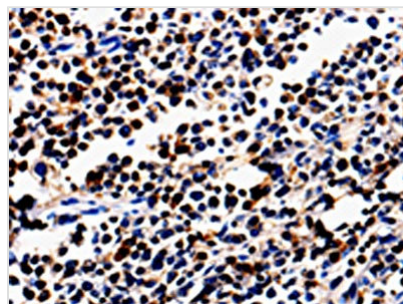




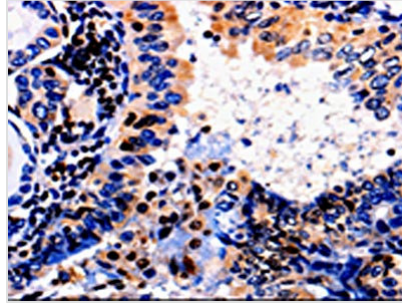
ALOX5 Antibody

Product Code	CSB-PA043268
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P09917
Immunogen	Fusion protein of Human ALOX5
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Tested Applications	ELISA,IHC;ELISA:1:500-1:5000,IHC:1:50-1:150
Relevance	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.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification Method	Antigen affinity purification
Isotype	IgG
Alias	Arachidonate 5-lipoxygenase
Species	Homo sapiens (Human)
Target Names	ALOX5

Image



The image is immunohistochemistry of paraffin-embedded Human colon cancer tissue using CSB-PA043268(ALOX5 Antibody) at dilution 1/50. (Original magnification: x200)



The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CSB-PA043268(ALOX5 Antibody) at dilution 1/50. (Original magnification: x200)