

ALOX5 RABBIT PAB

货号: S216243

产品全名: ALOX5 兔多抗

基因符号 5-LO, 5LPG, LOG5, 5-LOX

UNIPROT ID: P09917 (Gene Accession - BC130332)

背景: 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-eicosatetraenoic 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.

抗原: Fusion protein of human ALOX5

经过测试的应用: ELISA, IHC

推荐稀释比: IHC: 25-100; ELISA: 500-2000

种属反应性: Rabbit

克隆性: Rabbit Polyclonal

亚型: Immunogen-specific rabbit IgG

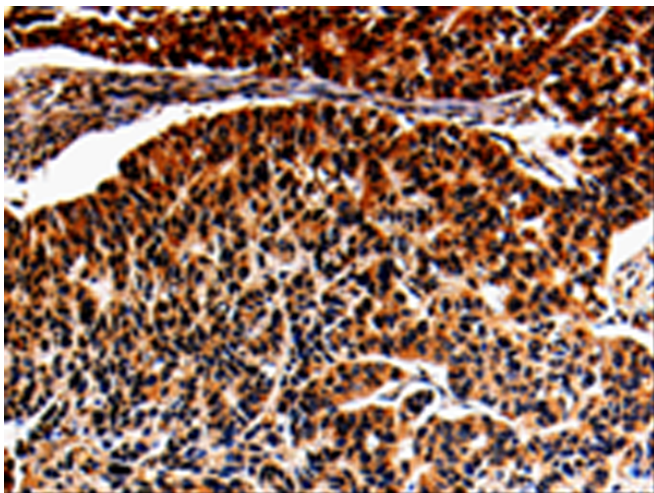
纯化: Antigen affinity purification

种属反应性: Human, Mouse, Rat

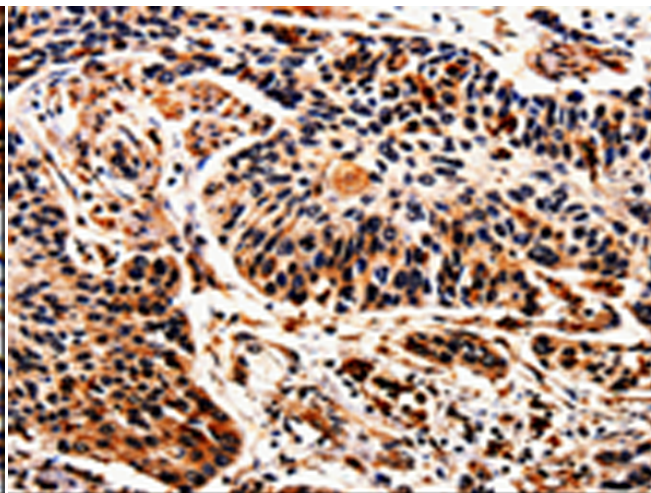
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

研究领域: Metabolism, Cancer, Cardiovascular

储存和运输: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue using 216243 (ALOX5 Antibody) at a dilution of 1/25 (Cytoplasm).



Immunohistochemistry analysis of paraffin-embedded Human esophagus cancer tissue using 216243 (Anti-ALOX5 Antibody) at a dilution of 1/25.