

Phospho-ALOX5-S271 Rabbit pAb

货号: B15041

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	56kDa/61kDa/71kDa/74kDa/77kDa
实测分子量	78kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HT-29+EGF,HT-29+PMA
细胞定位	Cytoplasm,Nucleus matrix,Nucleus membrane,Peripheral membrane protein
纯化	Affinity purification

抗原信息

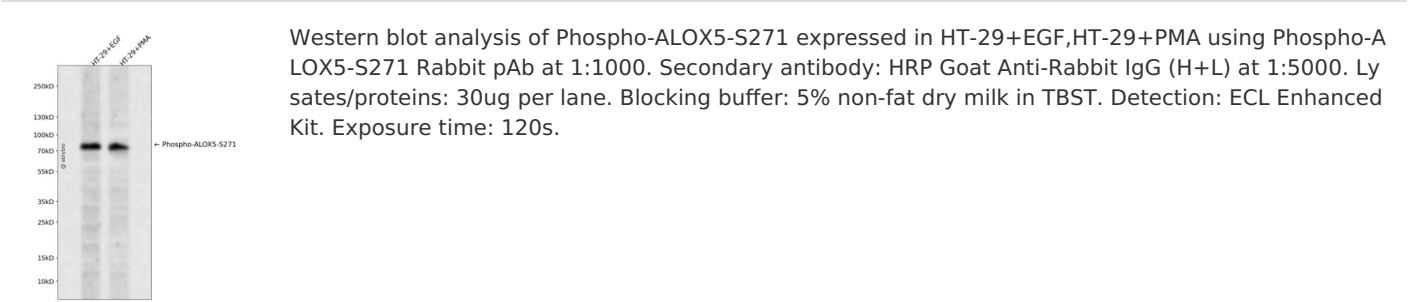
抗原信息	A synthetic phosphorylated peptide around S271 of human ALOX5 (NP_000689.1).
序列	QLSLE

靶点信息

研究背景	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. Alternative ly spliced transcript variants encoding different isoforms have been found for this gene.
------	---

基因ID	240
基因名	ALOX5
Swiss	P09917
别名	ALOX5;5-LO;5-LOX;5LPG;LOG5

产品验证



实验步骤

访问官网浏览详情: www.ablybio.cn