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Phospho-ALOX5-S271 Rabbit pAb

货号: AYP15041

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℃. 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

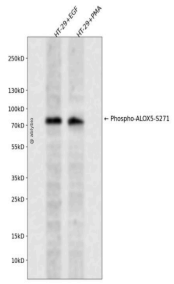
抗原信息

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

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-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.
基因ID	240
基因名	ALOX5
Swiss	P09917 (https://www.uniprot.org/uniprotkb/P09917/entry)
别名	ALOX5,5-LO,5-LOX,5LPG,LOG5,Phospho-ALOX5-S271 Rabbit pAb,Arachidonate 5-lipoxygenase

产品验证



Western blot analysis of Phospho-ALOX5-S271 expressed in HT-29+EGF,HT-29+PMA using Phospho-ALOX5-S271 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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