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# ALOXE3 Rabbit pAb

货号: **AYP25292**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	<b>WB:</b> 1:500 - 1:2000
理论分子量	80kDa/95kDa
实测分子量	81kDa
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	22Rv1,MCF7,Mouse skeletal muscle,Mouse testis,Rat intestine
细胞定位	Cytoplasm
纯化	Affinity purification

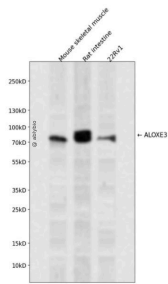
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human ALOXE3 (NP_067641.2).
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## 靶点信息

研究背景	This gene is a member of the lipoxygenase family, which are catabolized by arachidonic acid-derived compounds. The encoded enzyme is a hydroperoxide isomerase that synthesizes a unique type of epoxy alcohol (8R-hydroxy-11R,12R-epoxyeicosa-5Z,9E,14Z-trienoic acid) from 12R-hydroperoxyeicosatetraenoic acid (12R-HPETE). This epoxy alcohol can activate the nuclear receptor peroxisome proliferator-activated receptor alpha (PPARalpha), which is implicated in epidermal differentiation. Loss of function of the enzyme encoded by this gene results in ichthyosis, implicating the function of this gene in the differentiation of human skin. This gene is part of a cluster of lipoxygenase genes on 17p13.1. Mutations in this gene result in nonbullous congenital ichthyosiform erythroderma (NCIE). Multiple transcript variants encoding different isoforms have been found for this gene.
基因ID	59344
基因名	ALOXE3
Swiss	Q9BYJ1 ( <a href="https://www.uniprot.org/uniprotkb/Q9BYJ1/entry">https://www.uniprot.org/uniprotkb/Q9BYJ1/entry</a> )
别名	ALOXE3,ARCI3,E-LOX,eLOX-3,eLOX3,ALOXE3 Rabbit pAb,Epidermis-type lipoxygenase 3,Hydroperoxy dehydratase ALOXE3,Hydroperoxy icosatetraenoate dehydratase,Hydroperoxy icosatetraenoate isomerase

## 产品验证



Western blot analysis of ALOXE3 expressed in Mouse skeletal muscle, Rat intestine, 22Rv1 using ALOXE3 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30 ug 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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