

Anti-ALOXE3 antibody

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|-----------------|---|
| Cat. No. | ml121582 |
| Package | 25 µl/100 µl/200 µl |
| Storage | -20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol |

Product overview

| | |
|---------------------|--|
| Description | Anti-ALOXE3 rabbit polyclonal antibody |
| Applications | ELISA, WB |
| Immunogen | Fusion protein of human ALOXE3 |
| Reactivity | Human, Mouse, Rat |
| Content | 0.42 mg/ml |
| Host species | Rabbit |
| Ig class | Immunogen-specific rabbit IgG |
| Purification | Antigen affinity purification |

Target information

| | |
|------------------|-----------------------------|
| Symbol | ALOXE3 |
| Full name | arachidonate lipoxygenase 3 |
| Synonyms | ARCI3; E-LOX; eLOX3; eLOX-3 |
| Swissprot | Q9BYJ1 |

Target Background

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.

订购热线: 4008-898-798

Applications

Western blotting

Predicted band size: 80 kDa

Positive control: Mouse kidney tissue lysate

Recommended dilution: 200-1000

Gel: 6%SDS-PAGE

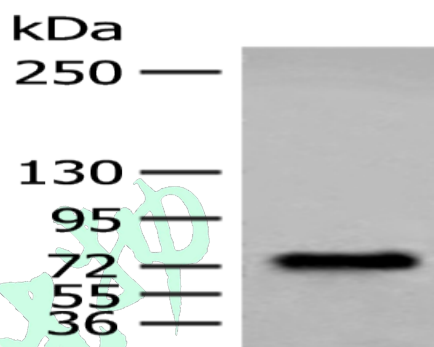
Lysate: 40 µg

Lane: Mouse kidney tissue lysate

Primary antibody: ml121582(ALOXE3 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 50 seconds



ELISA

Recommended dilution: 5000-10000

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