

# Anti-ALOX12B antibody ab121785

[1 References](#) [2 图像](#)

### 概述

产品名称	Anti-ALOX12B抗体
描述	兔多克隆抗体to ALOX12B
宿主	Rabbit
经测试应用	适用于: ICC/IF, IHC-P
种属反应性	与反应: Human
免疫原	antigen sequence, corresponding to amino acids 423-516 (LYKLLIPHTR YTVQINSIGR AVLLNEGGLS AKGMSLGVEG FAGVMVRALS ELTYDSL YLP NDFVERGVQD LPGYYRDDS LAVWNALEKY VTEI) of Human ALOX12B. <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
阳性对照	Human skin tissue.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

The Abpromise guarantee

Abpromise™承诺保证使用ab121785于以下的经测试应用

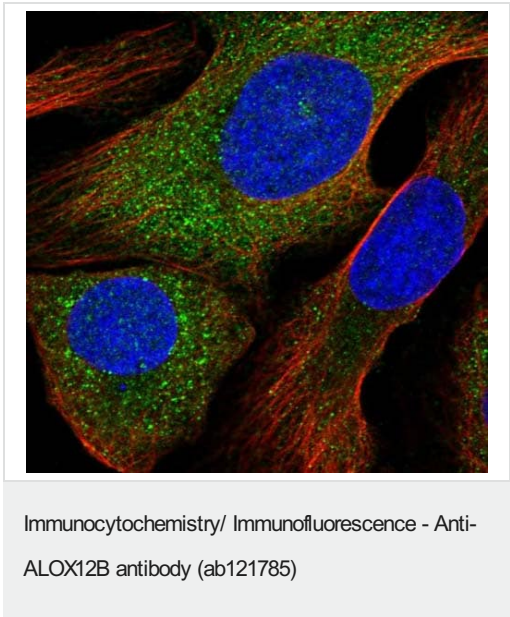
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.
IHC-P		1/10 - 1/20. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

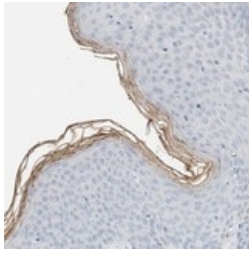
靶标

功能	Converts arachidonic acid to 12R-hydroperoxyeicosatetraenoic acid (12R-HPETE).
组织特异性	Expressed in B-cells, hair follicles, foreskin keratinocytes and adult skin. Also expressed in psoriatic tissue.
通路	Lipid metabolism; leukotriene D4 biosynthesis.
疾病相关	Defects in ALOX12B are a cause of non-bullous congenital ichthyosiform erythroderma (NCIE) [MIM:242100]. NCIE is a non-bullous ichthyosis, a skin disorder characterized by abnormal cornification of the epidermis. Most affected individuals are born with a tight, shiny, translucent covering called collodion membrane. The collodion membrane subsequently evolves into generalized scaling and intense redness of the skin. Clinical features are milder than in lamellar ichthyoses and demonstrate a greater variability in the intensity of erythema, size and type of scales. In contrast to lamellar ichthyoses, scales are usually white, fine and powdery, and palms and soles are severely affected. Patients suffer from palmoplantar keratoderma, often with painful fissures, digital contractures, and loss of pulp volume.
序列相似性	Belongs to the lipoxygenase family. Contains 1 lipoxygenase domain. Contains 1 PLAT domain.

图片



Immunofluorescent staining of Human cell line U-2 OS shows positivity in cytoplasm. Recommended concentration of ab121785 1-4 µg/ml. Cells treated with PFA/Triton X-100.



ab121785, at 1/10 dilution, staining ALOX12B in paraffin-embedded Human skin tissue, by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ALOX12B antibody (ab121785)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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