

Product datasheet

Anti-15 Lipoxygenase 2 antibody ab23691

★★★★★ 3 Abreviews 1 References 3 图像

概述

产品名称	Anti-15 Lipoxygenase 2抗体
描述	兔多克隆抗体to 15 Lipoxygenase 2
经测试应用	适用于: IHC-Fr, ICC/IF, WB, ICC
种属反应性	与反应: Human 不与反应: Rabbit, Pig
免疫原	Synthetic peptide: CLDEKTVEDLELNIKYSTA , corresponding to amino acids 163-181 of Human 15 Lipoxygenase 2. Run BLAST with Run BLAST with
阳性对照	Human prostate homogenate.

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	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, 0.1% BSA, Tris buffered saline, pH 7.4
纯度	Immunogen affinity purified
纯化说明	This antibody was affinity purified.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab23691** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
IHC-Fr	★★★★★	

应用	Ab评论	说明
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ICC/IF

★★★★★

WB

ICC

应用说明

ICC: Use at a concentration of 6 µg/ml or 1:100

WB: Use at a concentration of 3 µg/ml or 1:200. Predicted molecular weight: 76 kDa.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

靶标

功能

Converts arachidonic acid exclusively to 15S-hydroperoxyeicosatetraenoic acid, while linoleic acid is less well metabolized.

组织特异性

Expressed in hair, prostate, lung and cornea.

通路

Lipid metabolism; leukotriene D4 biosynthesis.

序列相似性

Belongs to the lipoxygenase family.

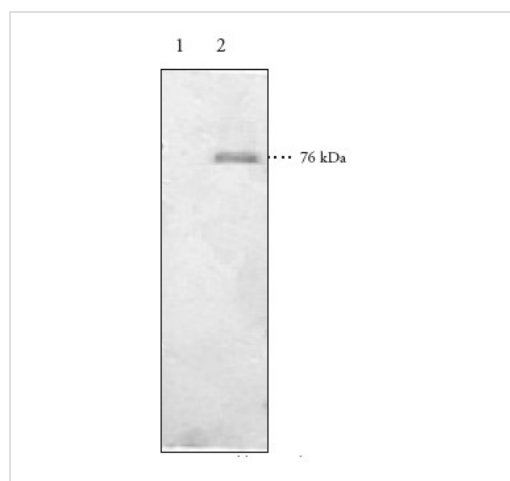
Contains 1 lipoxygenase domain.

Contains 1 PLAT domain.

细胞定位

Cytoplasm.

图片



All lanes : Anti-15 Lipoxygenase 2 antibody (ab23691) at 4 µg/ml

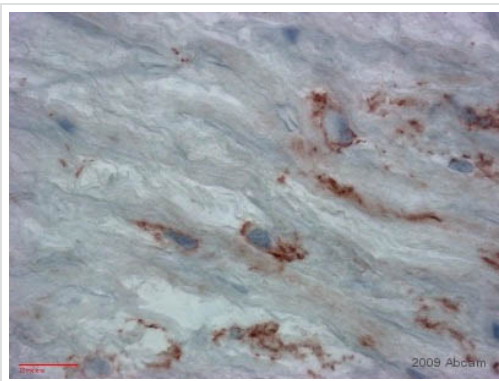
Lane 1 : Rabbit reticulocyte lysate (30 µg).

Lane 2 : Human prostate homogenate (30 µg).

Predicted band size : 76 kDa

Observed band size : 76 kDa

Western blot - 15 Lipoxygenase 2 antibody (ab23691)

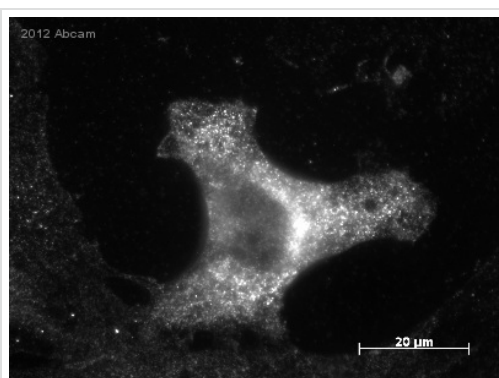


Immunohistochemistry (Frozen sections) - 15

Lipoxygenase 2 antibody (ab23691)

This image is courtesy of an anonymous Abreview

ab23691 staining 15 Lipoxygenase 2 in human artery tissue sections by IHC-Fr (frozen sections). Tissue samples were fixed with acetone and blocked with 0.5% BSA for 10 minutes. Samples were incubated with primary antibody 1/100 24 hours. A biotin-conjugated horse anti Rabbit IgG (H+L) polyclonal (7 µg/ml) was used as secondary antibody.



Immunocytochemistry/ Immunofluorescence - Anti-

15 Lipoxygenase 2 antibody (ab23691)

This image is courtesy of an anonymous Abreview

Immunofluorescence analysis of murine embryonic fibroblasts, staining 15 Lipoxygenase 2 with ab23691.

Cells were fixed with paraformaldehyde, permeabilized with 0.2 % Triton-X-100 and blocked with 2% BSA for 1 hour at 20°C. Samples were incubated with primary antibody (1/100 in 1% BSA in TBST) for 16 hours at 4°C. An AlexaFluor®488-conjugated chicken anti-rabbit polyclonal IgG (1/2000) was used as the secondary antibody.

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