




# Anti-5 Lipoxygenase/5-LO antibody ab53514

画像数 1

### 製品の概要

製品名	Anti-5 Lipoxygenase/5-LO antibody
製品の詳細	Goat polyclonal to 5 Lipoxygenase/5-LO
由来種	Goat
アプリケーション	適用あり: WB
種交差性	交差種: Rat 交差が予測される動物種: Mouse, Hamster 
免疫原	Synthetic peptide corresponding to Human 5 Lipoxygenase/5-LO aa 651-666 (C terminal). Sequence: C-ERNKKKQLPYYLSPD <div>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> </div>
ポジティブ・コントロール	Recombinant Human 5 Lipoxygenase/5-LO protein ( <a href="#">ab114310</a> ) can be used as a positive control in WB. Rat stomach lysate or human bone marrow lysate.
特記事項	<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>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, 0.5% Tris buffered saline
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

## アプリケーション

The Abpromise guarantee      Abpromise保証は、 次のテスト済みアプリケーションにおけるab53514の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		

### 追加情報

Peptide ELISA: antibody detection limit dilution 1:32,000.

WB: Use at a concentration of 0.3 - 1 µg/ml. Detects a band of approximately 78 kDa (predicted molecular weight: 78 kDa).

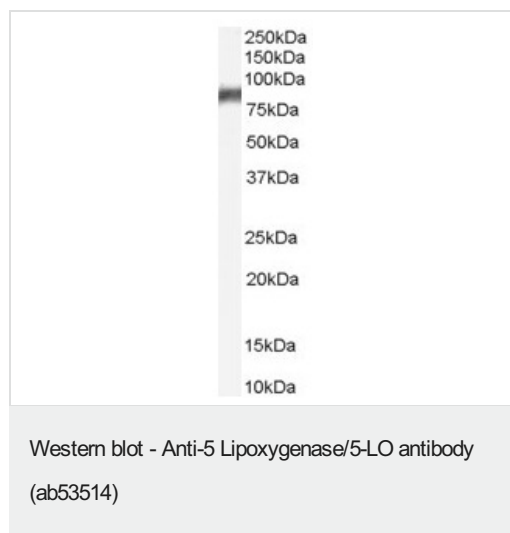
Not yet tested in other applications.

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

## ターゲット情報

機能	Catalyzes the first step in leukotriene biosynthesis, and thereby plays a role in inflammatory processes.
パスウェイ	Lipid metabolism; leukotriene A4 biosynthesis.
配列類似性	Belongs to the lipoxygenase family. Contains 1 lipoxygenase domain. Contains 1 PLAT domain.
翻訳後修飾	Serine phosphorylation by MAPKAPK2 is stimulated by arachidonic acid. Phosphorylation on Ser-523 by PKA has an inhibitory effect. Phosphorylation on Ser-272 prevents export from the nucleus.
細胞内局在	Cytoplasm. Nucleus matrix. Nucleus membrane. Shuttles between cytoplasm and nucleus. Found exclusively in the nucleus, when phosphorylated on Ser-272. Calcium binding promotes translocation from the cytosol and the nuclear matrix to the nuclear envelope and membrane association.

## 画像



Anti-5 Lipoxygenase/5-LO antibody (ab53514) at 0.3 µg/ml + Rat Stomach lysate (35µg protein in RIPA buffer).

**Predicted band size:** 78 kDa

**Observed band size:** 78 kDa

Primary incubation was 1 hour. Detected by chemiluminescence.

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

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