

### Anti-LONP1/Lon antibody ab103809

★★★★★ **2 Abreviews**   **24 References**   画像数 4

#### 製品の概要

製品名	Anti-LONP1/Lon antibody
製品の詳細	Rabbit polyclonal to LONP1/Lon
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB
種交差性	<b>交差種:</b> Mouse, Human
免疫原	Recombinant full length protein corresponding to Human LONP1/Lon aa 1-959.
ポジティブ・コントロール	Human kidney, Mouse kidney, HepG2, transfected 293T cell line
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: 7.4 Constituent: PBS
精製度	Protein A 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

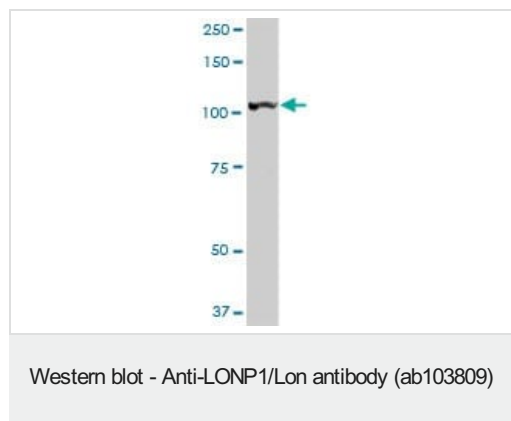
**The Abpromise guarantee**      **Abpromise保証は、**次のテスト済みアプリケーションにおけるab103809の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (2)	Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 106 kDa.

## ターゲット情報

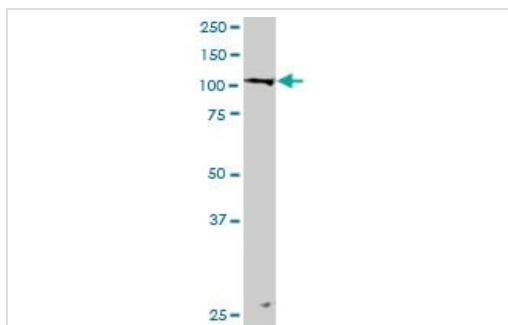
機能	ATP-dependent serine protease that mediates the selective degradation of misfolded, unassembled or oxidatively damaged polypeptides as well as certain short-lived regulatory proteins in the mitochondrial matrix. May also have a chaperone function in the assembly of inner membrane protein complexes. Participates in the regulation of mitochondrial gene expression and in the maintenance of the integrity of the mitochondrial genome. Binds to mitochondrial promoters and RNA in a single-stranded, site-specific, and strand-specific manner. May regulate mitochondrial DNA replication and/or gene expression using site-specific, single-stranded DNA binding to target the degradation of regulatory proteins binding to adjacent sites in mitochondrial promoters. Endogenous substrates include mitochondrial steroidogenic acute regulatory (StAR) protein.
組織特異性	Duodenum, heart, lung and liver, but not thymus.
関連疾患	CODAS syndrome
配列類似性	Belongs to the peptidase S16 family. Contains 1 Lon domain.
細胞内局在	Mitochondrion matrix.

## 画像



Anti-LONP1/Lon antibody (ab103809) at 5 µg/ml + Human kidney tissue lysate at 50 µg

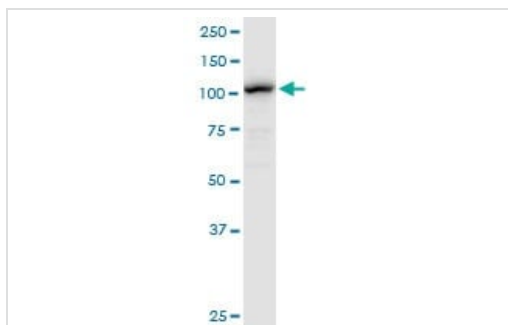
**Predicted band size:** 106 kDa



Western blot - Anti-LONP1/Lon antibody (ab103809)

Anti-LONP1/Lon antibody (ab103809) at 5 µg/ml + Mouse kidney tissue lysate at 50 µg

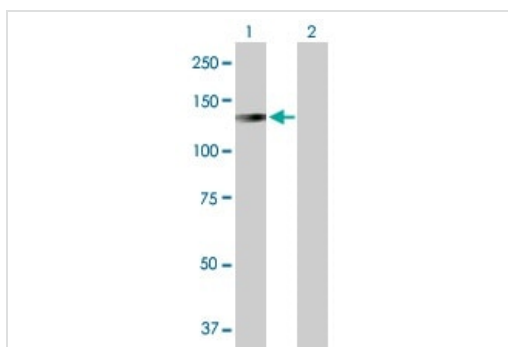
**Predicted band size:** 106 kDa



Western blot - Anti-LONP1/Lon antibody (ab103809)

Anti-LONP1/Lon antibody (ab103809) at 5 µg/ml + HepG2 cell lysate at 50 µg

**Predicted band size:** 106 kDa



Western blot - Anti-LONP1/Lon antibody (ab103809)

**All lanes :** Anti-LONP1/Lon antibody (ab103809) at 5 µg/ml

**Lane 1 :** LONP1 transfected 293T cell lysate

**Lane 2 :** Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

**Predicted band size:** 106 kDa

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

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