

### Anti-UBR1 antibody ab108215

画像数 2

#### 製品の概要

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製品名	Anti-UBR1 antibody
製品の詳細	Rabbit polyclonal to UBR1
由来種	Rabbit
アプリケーション	適用あり: WB, IP
種交差性	交差種: Human 交差が予測される動物種: Horse, Cow, Dog, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Elephant 
免疫原	Synthetic peptide corresponding to a region between amino acids 1125-1175 of Human UBR1 (NP_777576.1).
ポジティブ・コントロール	Jurkat whole cell 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

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製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate
精製度	Immunogen affinity purified
特記事項(精製)	ab108215 was affinity purified using an epitope specific to UBR1 immobilized on solid support.
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

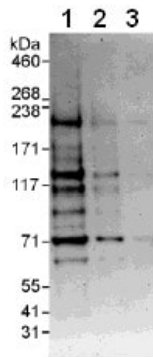
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab108215の使用に適用されず**  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/2000 - 1/10000. Predicted molecular weight: 200 kDa.
IP		Use at 2-5 µg/mg of lysate.

## ターゲット情報

機能	E3 ubiquitin-protein ligase which is a component of the N-end rule pathway. Recognizes and binds to proteins bearing specific N-terminal residues that are destabilizing according to the N-end rule, leading to their ubiquitination and subsequent degradation. May be involved in pancreatic homeostasis. Binds leucine and is a negative regulator of the leucine-mTOR signaling pathway, thereby controlling cell growth.
組織特異性	Broadly expressed, with highest levels in skeletal muscle, kidney and pancreas. Present in acinar cells of the pancreas (at protein level).
パスウェイ	Protein modification; protein ubiquitination.
関連疾患	Defects in UBR1 are a cause of Johanson-Blizzard syndrome (JBS) [MIM:243800]. This disorder includes congenital exocrine pancreatic insufficiency, multiple malformations such as nasal wing aplasia, and frequent mental retardation. Pancreas of individuals with JBS do not express UBR1 and show intrauterine-onset destructive pancreatitis.
配列類似性	Belongs to the UBR1 family. Contains 1 RING-type zinc finger. Contains 1 UBR-type zinc finger.
発生段階	Expressed in fetal pancreas.
ドメイン	The RING-H2 zinc finger is an atypical RING finger with a His ligand in place of the fourth Cys of the classical motif.
翻訳後修飾	Phosphorylated upon DNA damage, probably by ATM or ATR.
細胞内局在	Cytoplasm > cytosol.

## 画像



Western blot - Anti-UBR1 antibody (ab108215)

**All lanes :** Anti-UBR1 antibody (ab108215) at 0.1 µg/ml

**Lane 1 :** Jurkat whole cell lysate at 50 µg

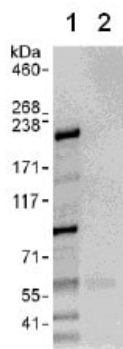
**Lane 2 :** Jurkat whole cell lysate at 15 µg

**Lane 3 :** Jurkat whole cell lysate at 5 µg

Developed using the ECL technique.

**Predicted band size:** 200 kDa

**Exposure time:** 3 minutes



Immunoprecipitation - Anti-UBR1 antibody (ab108215)

Detection of UBR1 by Western Blot of Immunoprecipitate.

Lane 1: ab108215 at 1µg/ml staining UBR1 in Jurkat whole cell lysate immunoprecipitated using ab108215 at 6µg/mg lysate (1 mg/IP; 20% of IP loaded/lane).

Lane 2: Control IgG

Detection: Chemiluminescence with exposure time of 30 seconds.

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

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