

# Anti-PGP9.5 antibody - Neuronal Marker ab15503

★★★★★ [8 Abreviews](#) [17 References](#) [画像数 3](#)

### 製品の概要

製品名	Anti-PGP9.5 antibody - Neuronal Marker
製品の詳細	Rabbit polyclonal to PGP9.5 - Neuronal Marker
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, ICC/IF, IHC-P
種交差性	<b>交差種:</b> Human
免疫原	Recombinant full length protein corresponding to Human PGP9.5. Database link: <a href="#">P09936</a>
ポジティブ・コントロール	Pancreas and small intestine This antibody gave a positive result when used in the following formaldehyde fixed cell lines: DU145.
特記事項	<p><b>This product is FOR RESEARCH USE ONLY. For commercial use, please contact <a href="mailto:partnerships@abcam.com">partnerships@abcam.com</a>.</b></p> <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. Avoid freeze / thaw cycles.
バッファー	pH: 7.60 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA
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

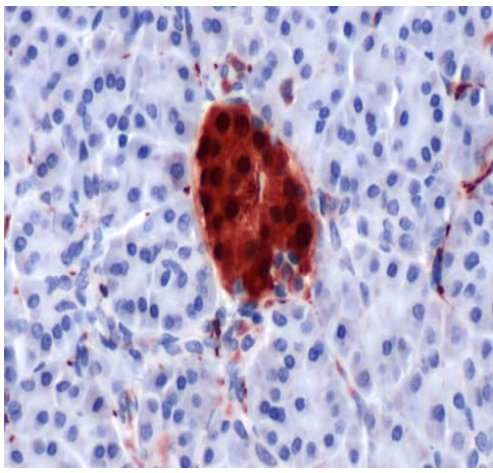
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab15503の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	Use at an assay dependent concentration. Predicted molecular weight: 25 kDa.
ICC/IF	★★★★★ (1)	Use a concentration of 1 µg/ml.
IHC-P	★★★★★ (3)	1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Cool at RT for 20 minutes.

## ターゲット情報

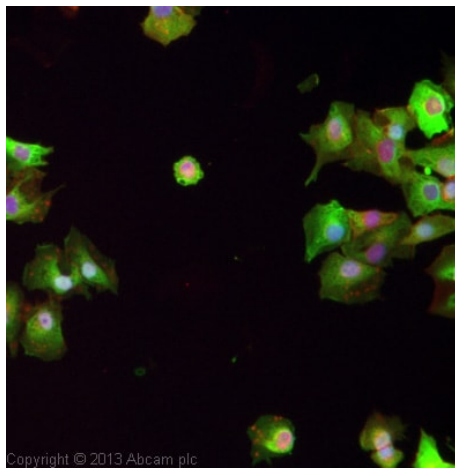
機能	Ubiquitin-protein hydrolase involved both in the processing of ubiquitin precursors and of ubiquitinated proteins. This enzyme is a thiol protease that recognizes and hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. Also binds to free monoubiquitin and may prevent its degradation in lysosomes. The homodimer may have ATP-independent ubiquitin ligase activity.
組織特異性	Found in neuronal cell bodies and processes throughout the neocortex (at protein level). Expressed in neurons and cells of the diffuse neuroendocrine system and their tumors. Weakly expressed in ovary. Down-regulated in brains from Parkinson disease and Alzheimer disease patients.
関連疾患	Parkinson disease 5 Neurodegeneration with optic atrophy, childhood-onset
配列類似性	Belongs to the peptidase C12 family.
翻訳後修飾	O-glycosylated.
細胞内局在	Cytoplasm. Endoplasmic reticulum membrane. About 30% of total UCHL1 is associated with membranes in brain.

## 画像



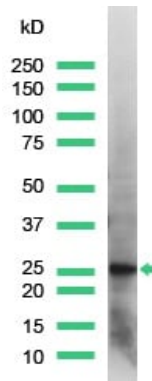
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PGP9.5 antibody - Neuronal Marker (ab15503)

Formalin-fixed, paraffin-embedded human pancreas tissue stained for PGP9.5 using ab15503 at 1/200 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence - Anti-PGP9.5 antibody - Neuronal Marker (ab15503)

ICC/IF image of ab15503 stained DU145. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody ab15503 at 1 ug/mL overnight at +4°C. The secondary antibody (green) was DyLight® 488 goat anti-rabbit IgG (H+L) ([ab96899](#)) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.



Western blot - Anti-PGP9.5 antibody - Neuronal Marker (ab15503)

Anti-PGP9.5 antibody - Neuronal Marker (ab15503) at 1/25 dilution + Human Brain lysate

**Predicted band size:** 25 kDa

**Observed band size:** 26 kDa

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

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