


Product datasheet

Anti-WFS1 antibody ab135893

1 Image

Overview

<b>Product name</b>	Anti-WFS1 antibody
<b>Description</b>	Rabbit polyclonal to WFS1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Synthetic peptide derived from Human WFS1.
<b>Positive control</b>	Human brain tissue lysate

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 49% PBS, 50% Glycerol, 0.88% Sodium chloride Note: PBS without Mg <sup>2+</sup> and Ca <sup>2+</sup>
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab135893** in the following tested applications.

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

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 100 kDa.

## Target

---

### Relevance

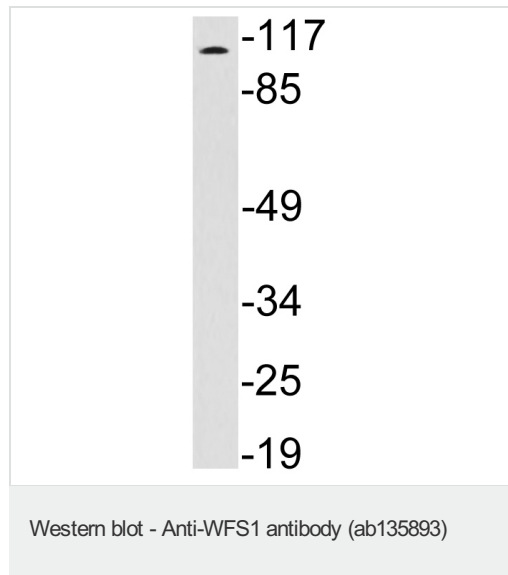
WFS1 is a novel component of Wolfram syndrome, a rare form of juvenile diabetes. WFS1 plays an important role in maintaining homeostasis of the endoplasmic reticulum (ER) in the pancreas. It is normally up-regulated during insulin secretion, whereas inactivation of the protein can cause ER stress. Chronic ER stress is a major involvement in Wolfram syndrome.

### Cellular localization

Endoplasmic reticulum; endoplasmic reticulum membrane; multipass membrane protein

## Images

---



Anti-WFS1 antibody (ab135893) at 1/500 dilution + Human brain tissue lysate at 30 µg

**Predicted band size:** 100 kDa

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

## Our Abpromise to you: Quality guaranteed and expert technical support

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors