




## Product datasheet

# Anti-Tensin 1 antibody ab233133

[1 References](#) [3 Images](#)

### Overview

<b>Product name</b>	Anti-Tensin 1 antibody
<b>Description</b>	Rabbit polyclonal to Tensin 1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human <b>Predicted to work with:</b> Cow 
<b>Immunogen</b>	Recombinant fragment (His-T7-tag) corresponding to Human Tensin 1 aa 1-350. Two N-terminal tags. Expressed in E.coli. Database link: <a href="#">Q9HBL0</a> <div>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> </div>
<b>Positive control</b>	WB: Recombinant human Tensin 1 protein; Mouse heart lysate. IHC-P: Human stomach tissue.
<b>General notes</b>	<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>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.011% Proclin 300 Constituents: 55.77% Glycerol (glycerin, glycerine), 44.219% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
<b>Clonality</b>	Polyclonal

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab233133 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
IHC-P		Use a concentration of 5 - 20 µg/ml.
WB		Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 186 kDa.

## Target

### Function

Involved in fibrillar adhesion formation. May be involved in cell migration, cartilage development and in linking signal transduction pathways to the cytoskeleton.

### Tissue specificity

Ubiquitous.

### Sequence similarities

Contains 1 C2 tensin-type domain.  
Contains 1 phosphatase tensin-type domain.  
Contains 1 SH2 domain.

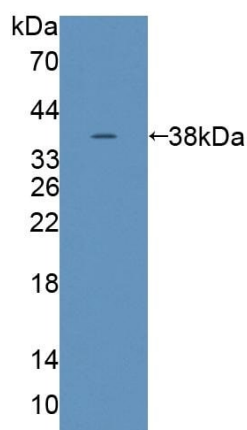
### Post-translational modifications

Rapidly cleaved by calpain II.

### Cellular localization

Cell surface. Cell junction, focal adhesion. Cytoplasm, cytoskeleton. Localized at cell periphery preferentially to fibrillar adhesions than focal adhesions. Translocates from the cell edge to cell center in an ITGB1BP1-dependent manner.

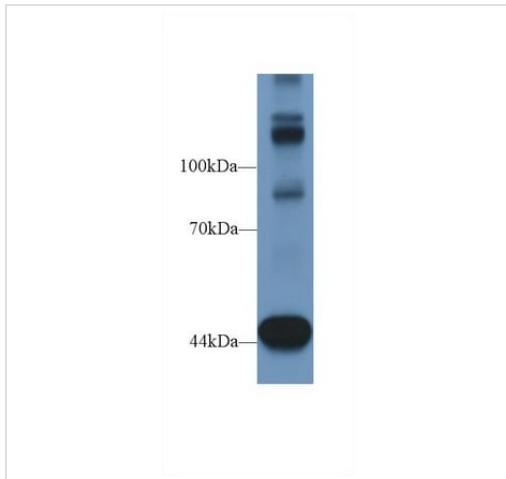
## Images



Western blot - Anti-Tensin 1 antibody (ab233133)

Anti-Tensin 1 antibody (ab233133) at 2 µg/ml + Recombinant human Tensin 1 protein

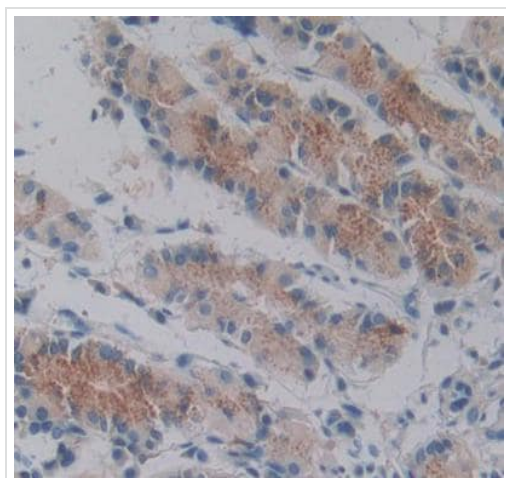
**Predicted band size:** 186 kDa



Western blot - Anti-Tensin 1 antibody (ab233133)

Anti-Tensin 1 antibody (ab233133) at 2 µg/ml + Mouse heart tissue lysate

**Predicted band size:** 186 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tensin 1 antibody (ab233133)

Formalin-fixed, paraffin-embedded human stomach tissue stained for Tensin 1 using ab233133 at 20 µg/ml in immunohistochemical analysis. DAB staining.

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

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