


Product datasheet

Anti-Chromogranin A antibody ab50432

1 Image

Overview

<b>Product name</b>	Anti-Chromogranin A antibody
<b>Description</b>	Goat polyclonal to Chromogranin A
<b>Host species</b>	Goat
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Cow, Cynomolgus monkey, Rhesus monkey 
<b>Immunogen</b>	Synthetic peptide: C-QGAKERAHQQKKH , corresponding to internal sequence amino acids 85-97 of Human Chromogranin A  <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	Human Kidney lysate.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris saline, pH 7.3
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab50432** 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		
ELISA		

**Application notes**

Peptide ELISA: Use at an assay dependent dilution. Antibody detection limit dilution 1:4,000.  
 WB: Use at a concentration of 0.1 - 0.3 µg/ml. Detects a band of approximately 50 kDa (predicted molecular weight: 51 kDa).

Not yet tested in other applications.  
 Optimal dilutions/concentrations should be determined by the end user.

## Target

**Function** Pancreastatin strongly inhibits glucose induced insulin release from the pancreas.

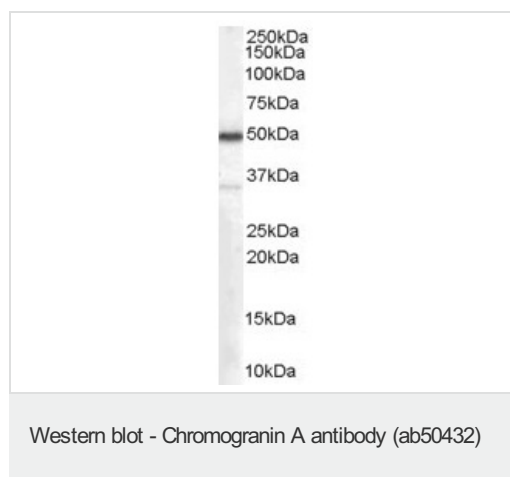
**Sequence similarities** Belongs to the chromogranin/secretogranin protein family.

**Post-translational modifications** Sulfated on tyrosine residues and/or contains sulfated glycans.  
 O-glycosylated with core 1 or possibly core 8 glycans.

**Cellular localization** Secreted. Neuroendocrine and endocrine secretory granules.

**Form** According to the Swiss-Prot database, this protein has many different forms which correspond to various molecular weights; thus the possible variation from the predicted molecular weight of 51kDa.

## Images



Anti-Chromogranin A antibody (ab50432) at 0.1 µg/ml + Human Kidney lysate (35µg protein in RIPA buffer).

**Predicted band size:** 51 kDa

**Observed band size:** 50 kDa

Primary incubation was 1 hour. Detected by chemiluminescence.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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