


Product datasheet

Anti-Chromogranin A antibody ab50432

1 Image

Overview

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

Properties

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

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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.

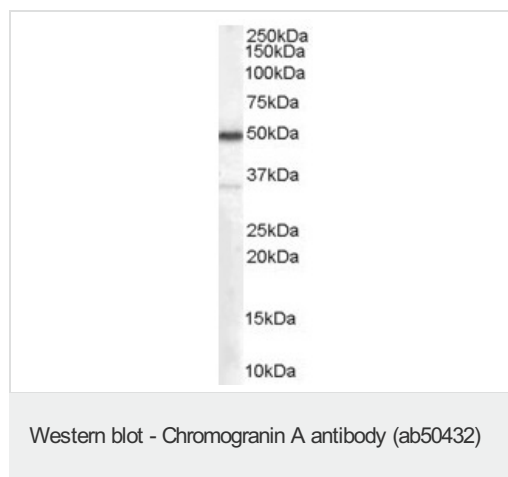
Cellular localization

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

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