Product datasheet

Anti-Chromogranin A antibody ab15160

★★★★★ 23 Abreviews 70 References 5 Images

Overview

Product name Anti-Chromogranin A antibody
Description Rabbit polyclonal to Chromogranin A
Host species Rabbit
Tested applications Suitable for: IHC-Fr, WB, ICC/IF, IHC-P
Species reactivity Reacts with: Mouse, Human, Monkey
Immunogen Recombinant fragment within Human Chromogranin A aa 250 to the C-terminus (C terminal). The exact sequence is proprietary.
Database link: P10645
Positive control Pancreas

Properties

Form Liquid
Storage instructions Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer pH: 7.40
Preservative: 0.1% Sodium azide
 Constituents: PBS, 1% BSA
Purity Immunogen affinity purified
Clonality Polyclonal
Isotype IgG

Applications

Our Abpromise guarantee covers the use of ab15160 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>IHC-Fr</td>
<td>Use at an assay dependent concentration. PubMed: 21383188</td>
<td></td>
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<tr>
<td>WB</td>
<td>⭐⭐⭐⭐⭐</td>
<td>1/100.</td>
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Pancreastatin strongly inhibits glucose induced insulin release from the pancreas.

Belongs to the chromogranin/secretogranin protein family.

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

Secreted. Neuroendocrine and endocrine secretory granules.

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.

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<td>★★★★★</td>
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<tr>
<td>IHC-P</td>
<td>★★★★★</td>
<td>1/400.</td>
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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Chromogranin A antibody (ab15160)

This image is courtesy of an anonymous Abreview.

ab15160 at 1/250 staining human pancreas tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step was performed before incubation with the antibody for 30 minutes at 25°C. An HRP conjugated rabbit polyclonal was used as the secondary.
ab15160 staining Chromogranin A in mouse gastric gland cells by Immunocytochemistry/ Immunofluorescence. Cells were fixed with paraformaldehyde, permeabilized with 0.2% Triton X100 and blocking with 10% serum for 45 min at 20°C was performed. Samples were incubated with primary antibody (1/100) for 18 hours at 4°C. A Texas Red® conjugated goat polyclonal to rabbit IgG was used at dilution 1/200 as secondary antibody.

ab15160 (1/100) staining Chromogranin A in paraffin-embedded mouse pancreas tissue sections. Tissue underwent fixation in formaldehyde, heat-mediated antigen retrieval in citrate buffer pH 6.0 and blocking (10 minutes, 1.5% serum). An HRP-conjugated goat polyclonal was used as the secondary. For further experimental details please refer to abreview.
ab15160 staining Chromogranin A in mouse colon tissue section by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections). Tissue underwent formalin fixation before heat mediated antigen retrieval with 10mM citric acid buffer and then the sample was blocked for 45 minutes at 20°C. The primary antibody (1/100) was incubated with sample in 10% serum for 18 hours at 4°C. A Biotin conjugated goat polyclonal to rabbit IgG was used at dilution 1/200 as secondary antibody.

Chromogranin A is easily fragmented and both bands observed in the Western Blot above are believed to correspond to Chromogranin A.

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