

Product datasheet

Anti-Chromogranin B antibody ab12242

★★★★☆ 1 Abreviews 6 References 1 Image

Overview

Product name	Anti-Chromogranin B antibody
Description	Rabbit polyclonal to Chromogranin B
Host species	Rabbit
Specificity	Ab12242 recognises chromogranin B.
Tested applications	Suitable for: WB, ICC/IF, IHC-Fr, ICC, IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	C-terminal 15 amino acids of chromogranin B conjugated to ovalbumin.

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: None Constituents: Whole serum
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab12242** in the following tested applications.

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

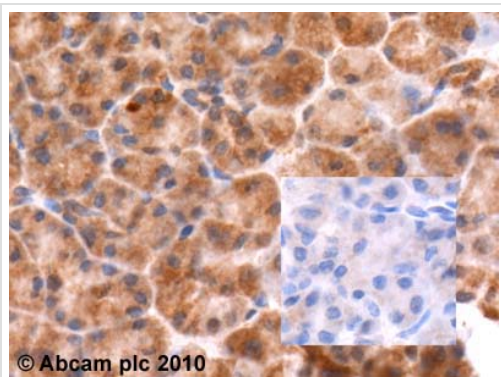
Application	Abreviews	Notes
WB	★★★★☆	1/100 - 1/500. Predicted molecular weight: 78.2 kDa.
ICC/IF		Use at an assay dependent concentration. PubMed: 24454876
IHC-Fr		1/100 - 1/500.

Application	Abreviews	Notes
ICC		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.

Target

Function	Secretogranin-1 is a neuroendocrine secretory granule protein, which may be the precursor for other biologically active peptides.
Tissue specificity	Expressed in the adrenal medulla, and in pheochromocytoma. Not expressed in liver.
Sequence similarities	Belongs to the chromogranin/secretogranin protein family.
Post-translational modifications	Extensively processed by limited proteolysis at conserved basic residues. Alternative processing are seen in different tissues.
Cellular localization	Secreted. Neuroendocrine and endocrine secretory granules.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Chromogranin B antibody (ab12242)

ab12242(1:1000) staining Chromogranin B in human pancreas (IgG inset) using an automated system (DAKO Autostainer Plus). Using this protocol there is strong staining of Chromogranin B in secretory compartments of the pancreas.

Insert panel depicts negative control (no primary antibody).

Sections were rehydrated and antigen retrieved with the Dako 3 in 1 AR buffer EDTA pH9.0 in a DAKO PT link. Slides were peroxidase blocked in 3% H₂O₂ in methanol for 10 mins. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS) then incubated with primary antibody for 20 min and detected with Dako envision flex amplification kit for 30 minutes. Colorimetric detection was completed with Diaminobenzidine for 5 minutes. Slides were counterstained with Haematoxylin and coverslipped under DePeX. Please note that, for manual staining, optimization of primary antibody concentration and incubation time is recommended. Signal amplification may be required.

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