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Polyclonal Rat CART raised in Rabbit - Antibody RES861

Antibody Information

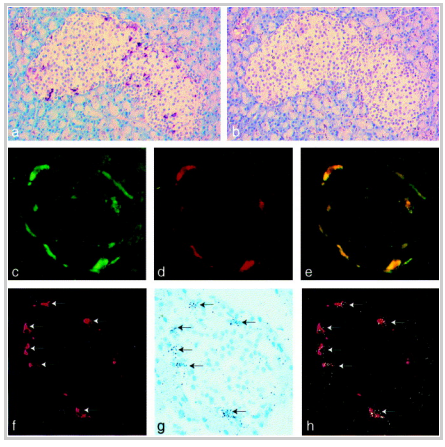
Antibody ID:	AB2433
Antigen:	CART (NCBI Gene ID: 29131)
Type:	Polyclonal
Isotype:	Not Applicable
Immunogen Source:	Fusion Protein
Raised In:	Rabbit
Peptide:	GST-CART (aa1-89)
Source of Antigen:	Rat
Cross Reacts With:	Rat
Affinity Purified:	Serum
Purity Details:	*Not provided*
Positive Control:	Rat pancreas
Notes:	*Not provided*

Applications and Uses

Application	Concentration	Storage Buffer	Protocols and Description
IHC	*Not provided*	*Not provided*	Description: microwave pre-treated dewaxed paraffin sections of rat pancreas incubated overnight with primary antibody Protocols:

Associated Images

Image 1



Description:

Islet D cell expression of CART-like immunoreactivity and mRNA. Paraffin sections of rat pancreas (A–E) were stained for CART and islet hormones as follows. A: CART immunoperoxidase staining of a peripheral islet cell population using the peptide specific 2025A antiserum. B: Preabsorption of antiserum 2025A with the immunizing peptide antigen completely abolishes staining. Preabsorption to synthetic somatostatin had no effect (not shown). C–E: Rat pancreas double stained for CART (in green, C) and somatostatin (in red, D). Double exposure (in yellow, E) reveals complete overlap in the distribution of somatostatin and CART-like immunoreactivity. F–H: Cryostat sections of rat pancreas double labeled for immunoreactive somatostatin (in red, F) and CART mRNA by radioactive in situ hybridization (black grains (arrows), G). The overlay plot reveals complete overlap of immunoreactive somatostatin

Access Status

This resource is publicly viewable.

Request this Resource

Request from a repository

Primary contributor: Antibody Core (Retired)
Co-contributed by:
- Antibody Core (USA)

Resource Tags

AbCore, antibody, CART, Polyclonal, Rat

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Resource History & Actions

Approved on
Last modified on Nov 05, 2010

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Related resources

BCBC

No matching resources

Other Consortia

No matching resources

Data courtesy of dkCOIN. Only public resources are displayed.

(in red, H) and CART mRNA (white grains, H) as indicated by the arrows.

Reference:
Not provided

Repositories

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Contact Information

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Associated Publications

Publication	Citation
10214934	Jensen PB, Kristensen P, Clausen JT, Judge ME, Hastrup S, Thim L, Wulff BS, Foged C, Jensen J, Holst JJ, Madsen OD The hypothalamic satiety peptide CART is expressed in anorectic and non-anorectic pancreatic islet tumors and in the normal islet of Langerhans. (1999) *FEBS Lett* **447**: 139-43 (Added August 18, 2010)
9590691	Kristensen P, Judge ME, Thim L, Ribel U, Christjansen KN, Wulff BS, Clausen JT, Jensen PB, Madsen OD, Vrang N, Larsen PJ, Hastrup S Hypothalamic CART is a new anorectic peptide regulated by leptin. (1998) *Nature* **393**: 72-6 (Added August 18, 2010)

Comments

There are no comments for this entry.

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