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Polyclonal Rat CART raised in Rabbit - Antibody RES972

Antibody Information

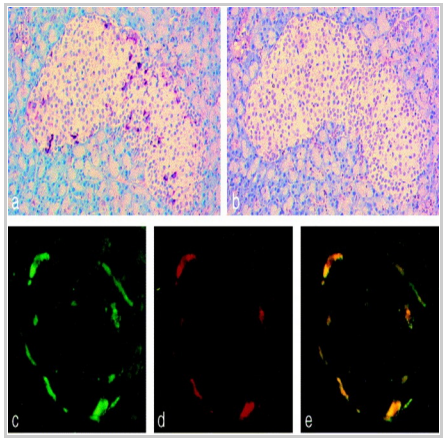
Antibody ID:	AB2544
Antigen:	CART (NCBI Gene ID: 29131)
Type:	Polyclonal
Isotype:	Not Applicable
Immunogen Source:	Peptide
Raised In:	Rabbit
Peptide:	PRRQLRAPGAVLQ coupled to OVA
Source of Antigen:	Rat
Cross Reacts With:	Rat
Affinity Purified:	Serum
Purity Details:	*Not provided*
Positive Control:	Rat pancreas
Notes:	specific for the 13 amino acid insert unique to the long isoform of CART expressed in rats

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:

. 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

Reference:
10214934

Repositories

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Access Status

This resource is publicly viewable.

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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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Read more about tags

Resource History & Actions

Approved on
Last modified on May 07, 2013

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Related resources

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No matching resources

Other Consortia

No matching resources

Data courtesy of dkCOIN. Only public resources are displayed.

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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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