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Information

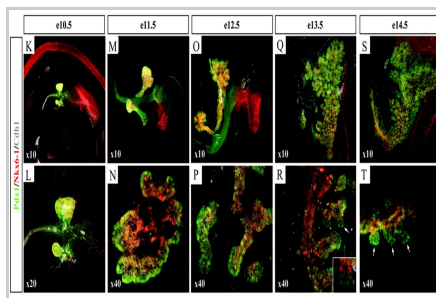
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Polyclonal Rat Nkx6.1 raised in Rabbit - Antibody RES273**Antibody Information**

Antibody ID:	AB1069
Antigen:	Nkx6.1 (NCBI Gene ID: 65193)
Type:	Polyclonal
Isotype:	Not Applicable
Immunogen Source:	Fusion Protein
Raised In:	Rabbit
Peptide:	<i>Not provided</i>
Source of Antigen:	Rat
Cross Reacts With:	Mouse, Rat, Human
Affinity Purified:	Serum
Purity Details:	<i>Not provided</i>
Positive Control:	Pancreas tissue any age
Notes:	Also works on chicken and zebrafish

Applications and Uses

Application	Concentration	Storage Buffer	Protocols and Description
IHC-Fr	1:4000 TSA	<i>Not provided</i>	Description: Using TSA amplification Protocols: <i>Not provided</i>
IHC-P	1:4000 TSA	<i>Not provided</i>	Description: Using TSA amplification Protocols: 1. TSA Protocol
IHC	1:800	<i>Not provided</i>	Description: <i>Not provided</i> Protocols: 1. Fluorescence
IHC	1:4000	<i>Not provided</i>	Description: <i>Not provided</i> Protocols: 1. Peroxidase

Associated Images**Image 1****Description:**

Pancreas morphogenesis from e.10.5 to e14.5. Whole mount immunohistochemical detection of Pdx1, Nkx6-1, and Cdh1 in wild-type e10.5 whole embryos (K-L) and wild-type e11.5 to e14.5 dissected pancreas and stomach (M-T).


Reference:
17881611

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Contact Information**Access Status**

 This resource is publicly viewable.

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Primary contributor: [Antibody Core \(Retired\)](#)
Co-contributed by:

- [Antibody Core \(USA\)](#)

Resource Tags

AbCore, antibody, Nkx6.1, Polyclonal, Rat

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Resource History & Actions

Approved on
Last modified on May 07, 2013

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Data courtesy of [dkCOIN](#). Only public resources are displayed.


Preferred Contact


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Associated Publications

Publication	Citation
17881611	Jørgensen MC, Ahnfelt-Rønne J, Hald J, Madsen OD, Serup P, Hecksher-Sørensen J An illustrated review of early pancreas development in the mouse. (2007) <i>Endocr Rev</i> 28 : 685-705 (Added May 07, 2013)
8702531	Jensen J, Serup P, Karlsen C, Nielsen TF, Madsen OD mRNA profiling of rat islet tumors reveals nkx 6.1 as a beta-cell-specific homeodomain transcription factor. (1996) <i>J Biol Chem</i> 271 : 18749-58 (Added May 15, 2013)

Comments

	03/29/2005 07:00 AM Inger Lund Pedersen	For E14.5d mouse pancreas, conventional IF (using the protocol available from the BCBC website) works better than the TSA protocol (from Molecular Probes) for this antibody. Optimal dilutions IF 1:6000, TSA 1:16.000. Intense nuclear staining of precursor epithelium and it distinguishes nascent acini with very low staining.
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