Leader in Biomolecular Solutions for Life Science

NKX6-1 Rabbit pAb

Catalog No.: A20419

3 Publications

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Basic Information

Observed MW
52 kDa

Calculated MW
38 kDa

Category
Polyclonal Antibodies

Applications
WB, IHC-P, ELISA

Cross Reactivity
Human, Mouse, Rat

Background

In the pancreas, NKX6.1 is required for the development of beta cells and is a potent bifunctional transcription regulator that binds to AT-rich sequences within the promoter region of target genes Iype et al. (2004) [PubMed 15056733].

Recommended Dilutions

WB	1:1000 - 1:4000
IHC-P	1:50 - 1:200

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
4825

Swiss-Prot
P78426

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
NKX6A; NKX6.1; NKX6-1

Contact

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Product Information

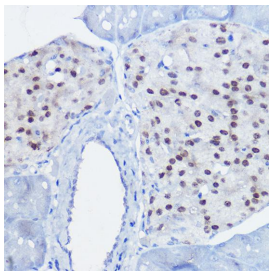
Source
Rabbit

Isotype
IgG

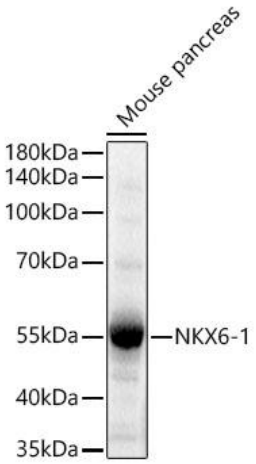
Purity
Affinity purification

Storage
Store at -20℃

Validation Data



Immunohistochemistry analysis of paraffin-embedded Mouse pancreas using NKX6-1 Rabbit pAb (A20419) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Western blot analysis of lysates from Mouse pancreas using NKX6-1 Rabbit pAb (A20419) at 1:1000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5 s.

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Please visit http://abclonal.com for a complete listing of recommended products.