

## Rabbit anti-Human NKX6-1 Polyclonal Antibody | anti-NKX6-1 antibody

NKX6-1 Rabbit anti-Human Polyclonal Antibody

|                               |                       |                            |                                             |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA163024</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|

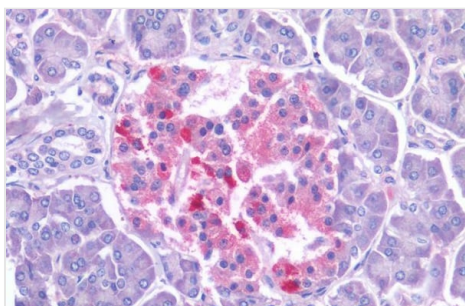
### PRODUCT SYNONYMS

NKX6-1; Polyclonal Antibody; NKX6-1 Rabbit anti-Human Polyclonal Antibody; PathPlus NKX6-1 Antibody; NKX6A; NK homeobox; family 6; A; NK6 homeobox 1; Homeobox protein Nkx-6.1; NKX6.1; anti-NKX6-1 antibody

### PRODUCT SPECIFICATIONS

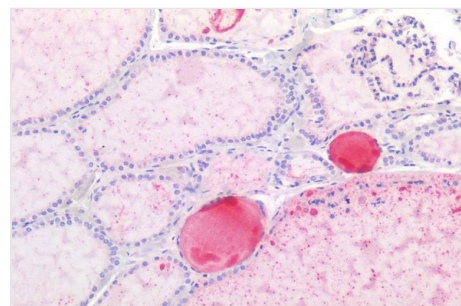
|                                                  |                                                                                                                                                           |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                    |
| Reactivity                                       | Human                                                                                                                                                     |
| Clonality                                        | Polyclonal                                                                                                                                                |
| Purity/Purification                              | Immunoaffinity purified                                                                                                                                   |
| Form/Format                                      | PBS, 0.1% Sodium Azide                                                                                                                                    |
| Concentration                                    | 1mg/ml (varies by lot)                                                                                                                                    |
| Applicable Applications for anti-NKX6-1 antibody | IHC (Immunohistochemistry)                                                                                                                                |
| Target                                           | Human NKX6-1                                                                                                                                              |
| Immunogen                                        | LP-11011, synthetic peptide                                                                                                                               |
| Conjugation                                      | Unconjugated                                                                                                                                              |
| Preparation and Storage                          | Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles. |

### IMAGES



**IHC (Immunohistochemistry)**

NKX6-1 Antibody-Human Pancreas: Formalin-Fixed, Paraffin-Embedded (FFPE)



**IHC (Immunohistochemistry)**

NKX6-1 Antibody-Human Thyroid: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NKX6-1 antibody | NKX6-1 antibody is an unconjugated rabbit polyclonal antibody to NKX6-1 from human. Validated for IHC. NKX6-1 (NK6 homeobox 1) is a neuronal progenitor transcription factor that is induced by SHH signals. It binds to specific A/T-rich DNA sequences in the promoter regions of a number of genes. It functions in transcriptional regulation in islet beta cells, and binds to the insulin promoter and is involved in regulation of insulin. It restricts the generation of motor neurons to the appropriate region of the neural tube. It is considered a tumor suppressor via its ability to suppress the epithelial-to-mesenchymal transition, and loss of expression is correlated with metastasis in cervical cancer. In immunohistochemistry of normal tissue, NKX6-1 has nuclear positivity in islets of Langerhans in the pancreas, and is also found in the brain, thyroid, stomach, breast and testis. |
| References                                           | The UniProt Consortium. Nucleic Acids Res. 47: D506-515 (2019); Nucleic Acids Res. 2016 Jan 4;44(D1):D733-45, PMID:26553804; Oncogene. 2016 Apr 28;35(17):2266-78, PMID: 26257059;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                                  |                          |
|----------------------------------|--------------------------|
| NCBI GI #                        | 111120318                |
| NCBI GeneID                      | 4825                     |
| NCBI Accession #                 | NP_006159.2              |
| NCBI GenBank Nucleotide #        | NM_006168                |
| UniProt Accession #              | P78426                   |
| Molecular Weight                 | 37,849 Da                |
| NCBI Official Full Name          | homeobox protein Nkx-6.1 |
| NCBI Official Synonym Full Names | NK6 homeobox 1           |
| NCBI Official Symbol             | NKX6-1                   |
| NCBI Official Synonym Symbols    | NKX6A; NKX6.1            |
| NCBI Protein Information         | homeobox protein Nkx-6.1 |
| UniProt Protein Name             | Homeobox protein Nkx-6.1 |
| UniProt Gene Name                | NKX6-1                   |
| UniProt Synonym Gene Names       | NKX6A                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/nkx6-1-antibody-immunohistochemistry-elisa/163024>