

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

NKX6-1 Rabbit pAb

CATALOG # AAA282075	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

NKX6-1; Polyclonal Antibody; NKX6-1 Rabbit pAb; NKX6A; NKX6.1; anti-NKX6-1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Applicable Applications for anti-NKX6-1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human NKX6-1.
Positive Samples	BxPC-3, Rat pancreas
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse pancreas using NKX6-1 antibody at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NKX6-1 antibody at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-NKX6-1 antibody	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.
Product Categories/Family for anti-NKX6-1 antibody	Epigenetics & Nuclear Signaling ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	111120318
NCBI GeneID	4825

NCBI Accession #	NP_006159.2
NCBI GenBank Nucleotide #	NM_006168.2
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://stage.aaabiotech.com/polyclonal/nkx6-1-antibody-immunohistochemistry-western-blot-elisa/282075>