

Rabbit anti-Human NKX2-1 Monoclonal Antibody | anti-NKX2-1 antibody

NKX2-1 Rabbit mAb

CATALOG # AAA282944	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
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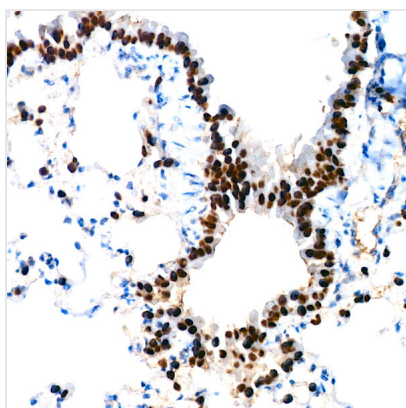
PRODUCT SYNONYMS

NKX2-1; Monoclonal Antibody; NKX2-1 Rabbit mAb; BCH; BHC; NK-2; TEBP; TTF1; NKX2A; NMTC1; T/EBP; TITF1; TTF-1; NKX2.1; anti-NKX2-1 antibody

PRODUCT SPECIFICATIONS

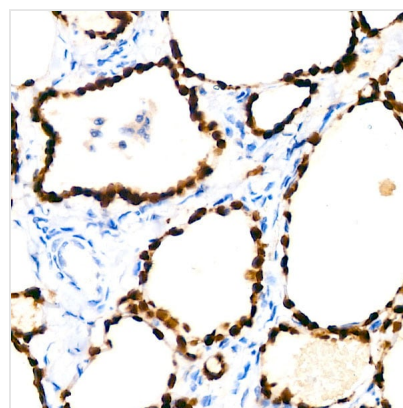
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MSMSPKHTTP FSVSDILSPL EESYKKVGME GGGLGAPLAA YRQGQAAPPT AAMQQHAVGH HGAVTAAAYHM TAAGVPQLSH SAVGGYCNNGN LGNMSELPPY
Applicable Applications for anti-NKX2-1 antibody	ELISA, IHC (Immunohistochemistry)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant protein of human NKX2-1
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



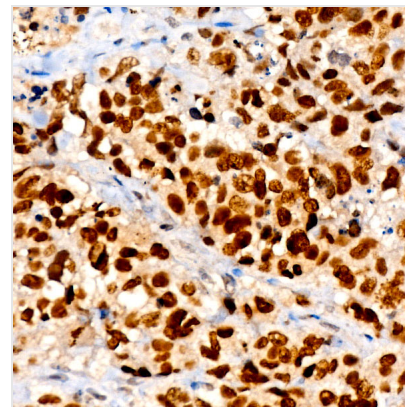
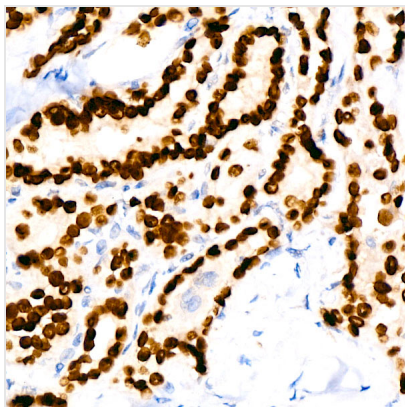
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse lung using NKX2-1 Rabbit mAb (AAA282944) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human thyroid using NKX2-1 Rabbit mAb (AAA282944) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer using NKX2-1 Rabbit mAb (AAA282944) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human lung adenocarcinoma using NKX2-1 Rabbit mAb (AAA282944) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-NKX2-1 antibody

This gene encodes a protein initially identified as a thyroid-specific transcription factor. The encoded protein binds to the thyroglobulin promoter and regulates the expression of thyroid-specific genes but has also been shown to regulate the expression of genes involved in morphogenesis. Mutations and deletions in this gene are associated with benign hereditary chorea, choreoathetosis, congenital hypothyroidism, and neonatal respiratory distress, and may be associated with thyroid cancer. Multiple transcript variants encoding different isoforms have been found for this gene. This gene shares the symbol/alias 'TTF1' with another gene, transcription termination factor 1, which plays a role in ribosomal gene transcription.

Product Categories/Family for anti-NKX2-1 antibody

[Epigenetics Nuclear Signaling](#); [Transcription Factors](#); [Antibodies](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	1174819
NCBI GeneID	7080
UniProt Accession #	P43699; O14954; O14955; Q7KZF6; Q9BRJ8; D3DSA3
Molecular Weight	Calculated MW: 39kDa
UniProt Protein Name	Homeobox protein Nkx-2.1
UniProt Gene Name	NKX2-1
UniProt Synonym Gene Names	NKX2A; TITF1; TTF1; TTF-1; T/EBP
UniProt Entry Name	NKX21_HUMAN

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/monoclonal/nkx2-1-antibody-immunohistochemistry-elisa/282944>