

Rabbit NKX2-1 Polyclonal Antibody | anti-NKX2-1 antibody

NKX2-1 antibody

CATALOG # AAA296706	HOST Rabbit	REACTIVITY Predicted reactivity: Human, Mouse	APPLICATIONS Western Blot
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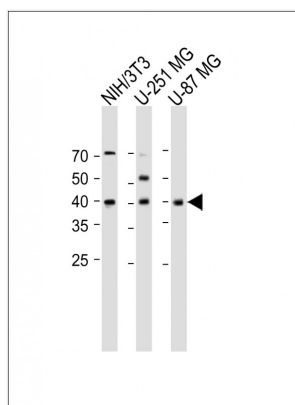
PRODUCT SYNONYMS

NKX2-1; Polyclonal Antibody; NKX2-1 antibody; Homeobox protein Nkx-2.1; Homeobox protein NK-2 homolog A; Thyroid nuclear factor 1; Thyroid transcription factor 1; TTF-1; Thyroid-specific enhancer-binding protein; T/EBP; NKX2A; TITF1; TTF1; anti-NKX2-1 antibody

PRODUCT SPECIFICATIONS

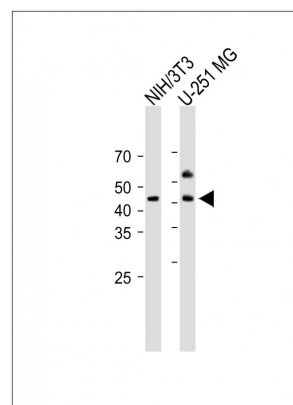
Host	Rabbit
Reactivity	Predicted reactivity: Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Clone Number	R01795
Specificity	This antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from human.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Applicable Applications for anti-NKX2-1 antibody	WB (Western Blot)
Antigen Type	Recombinant Protein
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

All lanes: Anti-NKX2-1 antibody at 1:1000 dilution Lane 1: NIH/3T3 cell lysate Lane 2: U-251 MG cell lysate Lane 3: U-87 MG cell lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size : 40 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)

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ADDITIONAL INFORMATION

Related Product Information for anti-NKX2-1 antibody	Transcription factor that binds and activates the promoter of thyroid specific genes such as thyroglobulin, thyroperoxidase, and thyrotropin receptor. Crucial in the maintenance of the thyroid differentiation phenotype. May play a role in lung development and surfactant homeostasis. Forms a regulatory loop with GRHL2 that coordinates lung epithelial cell morphogenesis and differentiation. Activates the transcription of GNRHR and plays a role in enhancing the circadian oscillation of its gene expression. Represses the transcription of the circadian transcriptional repressor NR1D1 (By similarity).
Product Categories/Family for anti-NKX2-1 antibody	New Antibodies
References	Oguchi H.,et al.Biochim. Biophys. Acta 1261:304-306(1995).Saiardi A.,et al.Biochim. Biophys. Acta 1261:307-310(1995).Ikeda K.,et al.J. Biol. Chem. 270:8108-8114(1995).Hamdan H.,et al.Biochim. Biophys. Acta 1396:336-348(1998).Endo T.,et al.Submitted (MAY-1995) to the EMBL/GenBank/DDBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1174819
NCBI GeneID	7080
UniProt Accession #	P43699 ; O14954 ; O14955 ; Q7KZF6 ; Q9BRJ8 ; D3DSA3
Molecular Weight	401
NCBI Official Full Name	Homeobox protein Nkx-2.1
NCBI Official Synonym Full Names	NK2 homeobox 1
NCBI Official Symbol	NKX2-1
NCBI Official Synonym Symbols	BCH; BHC; NK-2; TEBP; TTF1; NKX2A; T/EBP; TITF1; TTF-1; NKX2.1
NCBI Protein Information	homeobox protein Nkx-2.1; NK-2 homolog A; thyroid nuclear factor 1; thyroid transcription factor 1; homeobox protein NK-2 homolog A; thyroid-specific enhancer-binding protein
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/polyclonal/nkx2-1-antibody-clone-r01795-western-blot-elisa/296706>