

Rabbit anti-Human, Mouse NKX2-4 Polyclonal Antibody | anti-NKX2-4 antibody

NKX2-4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39711	Rabbit	Human, Mouse	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

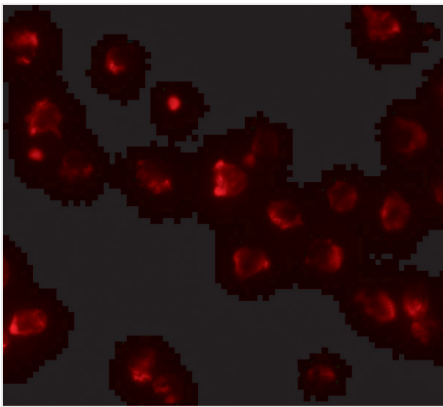
PRODUCT SYNONYMS

NKX2-4; Polyclonal Antibody; NKX2-4 Antibody; NKX2D; NKX2.4; Homeobox protein NK-2 homolog D; NK2 homeobox 4; anti-NKX2-4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	NKX2-4 antibody is predicted to not cross-react with other NK2 homeobox family members. At least two isoforms of NKX2-4 are known to exist; this antibody will detect both isoforms.
Purity/Purification	NKX2-4 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	354
Applicable Applications for anti-NKX2-4 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	NKX2-4 antibody was raised against an 18 amino acid synthetic peptide near the center of human NKX2-4.
Buffer	NKX2-4 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	NKX2-4 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

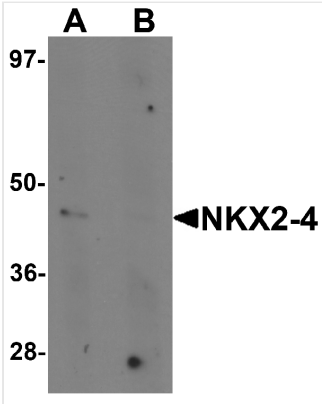
IMAGES



IF (Immunofluorescence)
Immunofluorescence of NKX2-4 in A20 cells with NKX2-4 antibody at 20 µg/mL.



ICC (Immunocytochemistry)
Immunocytochemistry of NKX2-4 in A20 cells with NKX2-4 antibody at 2.5 µg/mL.



WB (Western Blot)
Western blot analysis of NKX2-4 in A20 cell lysate with NKX2-4 antibody at 1 µg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NKX2-4 antibody	NKX2-4 Antibody: NKX2-4 (NK2 homeobox 4) is a member of a family of transcription factors that are involved in embryonic development and cell fate. NKX2-4 is closely related to NKX2-1 and NKX2-4 and is specifically localized to the ventral diencephalon. Recent experiments in <i>Xenopus</i> have suggested that the homeodomain protein XANF is necessary for the activation of NKX2-4, but does not directly regulate its expression.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	157426823
NCBI GeneID	644524
NCBI Accession #	NP_149416
NCBI GenBank Nucleotide #	NM_033176.1
UniProt Accession #	Q9H2Z4; Q5VZV8
Molecular Weight	36,179 Da
NCBI Official Full Name	homeobox protein Nkx-2.4
NCBI Official Synonym Full Names	NK2 homeobox 4
NCBI Official Symbol	NKX2-4
NCBI Official Synonym Symbols	NKX2D; NKX2.4

NCBI Protein Information	homeobox protein Nkx-2.4; NK2 transcription factor homolog D; NK2 transcription factor related, locus 4
UniProt Protein Name	Homeobox protein Nkx-2.4
UniProt Gene Name	NKX2-4
UniProt Synonym Gene Names	NKX2D
UniProt Entry Name	NKX24_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nkx2-4-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39711>