

Rabbit NKX2-2 Polyclonal Antibody | anti-NKX2-2 antibody

NKX2-2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198256	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	Western Blot

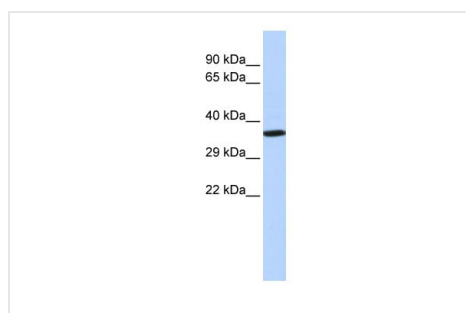
PRODUCT SYNONYMS

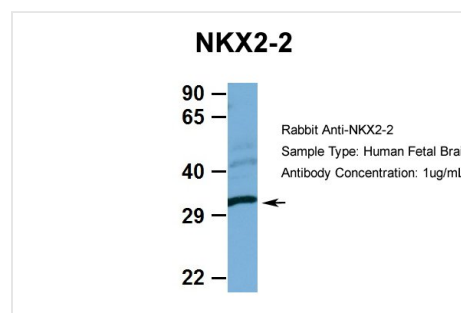
NKX2-2; Polyclonal Antibody; NKX2-2 antibody - N-terminal region; anti-NKX2-2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MS LTNTKTGFSV KDILDLPDTN DEEGSVAEGP EEENEGPEPA KRAGPLGQ
Sequence Length	273
Applicable Applications for anti-NKX2-2 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 100%; Sheep: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human NKX2-2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-NKX2-2 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:1562500
Positive Control: Human Placenta

WB (Western Blot)

Hum. Fetal Brain

ADDITIONAL INFORMATION

Related Product Information for anti-NKX2-2 antibody	This is a rabbit polyclonal antibody against NKX2-2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Nkx2-2 contains 1 homeobox DNA-binding domain which is essential for interaction with OLIG2. Nkx2-2 may be involved in specifying diencephalic neuromeric boundaries, and in controlling the expression of genes that play a role in axonal guidance. The protein encoded by this gene contains a homeobox domain and may be involved in the morphogenesis of the central nervous system. This gene is found on chromosome 20 near NKX2-4, and these two genes appear to be duplicated on chromosome 14 in the form of TITF1 and NKX2-8. The encoded protein is likely to be a nuclear transcription factor.
Product Categories/Family for anti-NKX2-2 antibody	Polyclonal; Transcription Factor; Neurobiology; Transcription Regulation; Transcription Regulation; Chromatin & Nuclear Signaling; DNA/RNA/Protein Interactions; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505401
NCBI GeneID	4821
NCBI Accession #	NP_002500
NCBI GenBank Nucleotide #	NM_002509
UniProt Accession #	O95096
Molecular Weight	30kDa
NCBI Official Full Name	homeobox protein Nkx-2.2
NCBI Official Synonym Full Names	NK2 homeobox 2
NCBI Official Symbol	NKX2-2
NCBI Official Synonym Symbols	NKX2B; NKX2.2
NCBI Protein Information	homeobox protein Nkx-2.2
UniProt Protein Name	Homeobox protein Nkx-2.2
UniProt Gene Name	NKX2-2
UniProt Synonym Gene Names	NKX2.2; NKX2B
UniProt Entry Name	NKX22_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/nkx2-2-antibody-western-blot-elisa/198256>