

Rabbit Nkx2.2 Polyclonal Antibody | anti-Nkx2.2 antibody

Nkx2.2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75917	Rabbit	Human, Mouse, Rat	Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

Nkx2.2; Polyclonal Antibody; Nkx2.2 Antibody; Homeobox protein NK 2 homolog B; NK 2 homolog B; NK2 homeobox 2; NK2 transcription factor like protein B; NK2 transcription factor related locus 2; NKX2-2; NKX22; Nkx2b; tinman antibody; anti-Nkx2.2 antibody

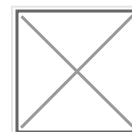
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.68-0.70 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	273
Applicable Applications for anti-Nkx2.2 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Immunogen	N-epitope synthetic peptide taken within amino acid region 200-250 on human homeobox protein Nkx-2.2.
Expression	Interacts with OLIG2
Determinant	N-epitope
Molecular Function	Chromatin binding; transcription coactivator activity; Developmental Protein; Transcription regulation; brain development
Structure	Belongs to the NK-2 homeobox family. Contains 1 homeobox DNA-binding domain. The homeodomain is essential for interaction with OLIG2.
Subcellular Location	Nucleus
Preparation and Storage	-20• degree C for long term storage

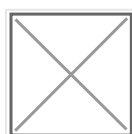
IMAGES



IHC (Immunohistochemisry)



IHC (Immunohiostchemistry)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-Nkx2.2 antibody	Affinity Purified homeobox protein Nkx-2.2 Antibody N-epitope Acts as a transcriptional activator. Required for the maintenance of NEUROD1 expression in the hormone-producing endocrine cells of the pancreas. May be involved in specifying diencephalic neuromeric boundaries, and in controlling the expression of genes that play a role in axonal guidance. Associates with chromatin at the NEUROD1 promoter region. Binds to a subset of consensus elements within the NEUROD1 promoter (By similarity).
Product Categories/Family for anti-Nkx2.2 antibody	Primary Antibodies; Neuroscience; Neurology process; Nkx2.2 Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505401
NCBI GeneID	4821
NCBI Accession #	NP_002500
NCBI GenBank Nucleotide #	NM_002509.3
UniProt Accession #	O95096
Molecular Weight	30,133 Da
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/nkx22-antibody-western-blot-immunoprecipitation-immunohistochemistry-elisa/75917>