

Rabbit anti-Mouse Nkx2-5 Polyclonal Antibody | anti-Nkx2-5 antibody

Mouse Nkx2-5 Antibody (Center)

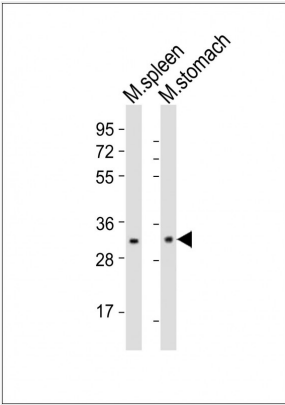
CATALOG # AAA285345	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

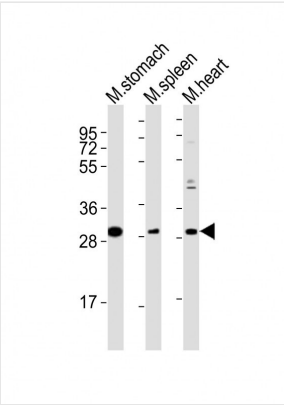
Nkx2-5; Polyclonal Antibody; Mouse Nkx2-5 Antibody (Center); Homeobox protein Nkx-25; Cardiac-specific homeobox; Homeobox protein CSX; Homeobox protein NK-2 homolog E; Csx; Nkx-25; Nkx2e; anti-Nkx2-5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This mouse Nkx2-5 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 98-133 amino acids from the Central region of mouse Nkx2-5.
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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	318
Applicable Applications for anti-Nkx2-5 antibody	ELISA, WB (Western Blot)
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
All lanes : Anti-Nkx2-5 Antibody (Center) at 1:1000 dilution
Lane 1: mouse spleen lysates
Lane 2: mouse stomach lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 34 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)
All lanes : Anti-Nkx2-5 Antibody (Center) at 1:2000 dilution
Lane 1: mouse stomach lysates
Lane 2: mouse spleen lysates
Lane 3: mouse heart lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 34 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-Nkx2-5 antibody	Implicated in commitment to and/or differentiation of the myocardial lineage. Acts as a transcriptional activator of ANF in cooperation with GATA4. It is transcriptionally controlled by PBX1 and acts as a transcriptional repressor of CDKN2B. Together with PBX1, it is required for spleen development through a mechanism that involves CDKN2B repression.
Product Categories/Family for anti-Nkx2-5 antibody	Crown Antibodies; Stem Cells
References	Lints T.J.,et al.Development 119:419-431(1993). Lints T.J.,et al.Development 119:969-969(1993). Searcy R.D.,et al.Development 125:4461-4470(1998). Komuro I.,et al.Proc. Natl. Acad. Sci. U.S.A. 90:8145-8149(1993). Kim Y.H.,et al.J. Biol. Chem. 273:25875-25879(1998).

NCBI AND UNIPROT INFORMATION

NCBI GI #	6679068
NCBI GeneID	18091
NCBI Accession #	NP_032726.1
NCBI GenBank Nucleotide #	NM_008700.2
UniProt Accession #	P42582; P97335
Molecular Weight	34163
NCBI Official Full Name	homeobox protein Nkx-2.5
NCBI Official Synonym Full Names	NK2 homeobox 5
NCBI Official Symbol	Nkx2-5
NCBI Official Synonym Symbols	Csx; Nkx2.5; tinman; Nkx-2.5
NCBI Protein Information	homeobox protein Nkx-2.5
UniProt Protein Name	Homeobox protein Nkx-2.5
UniProt Gene Name	Nkx2-5

UniProt Synonym Gene Names	Csx; Nkx-2.5; Nkx2e
UniProt Entry Name	NKX25_MOUSE

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/nkx2-5-antibody-western-blot-elisa/285345>