

Immunotag™ NKX2-5 Antibody

Antibody Specification	
Catalog No.	ITA3639
Product Description	Immunotag™ NKX2-5 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	NKX2-5
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	NKX2-5 antibody detects endogenous levels of total NKX2-5
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Gene Name	NKX2-5
Accession No.	P52952
Alternate Names	NKX2.5, mouse, homolog of; Cardiac-specific homeobox 1; Cardiac-specific homeobox; CHNG5; CSX; CSX1; FLJ52202; FLJ97166; FLJ97195; FLJ97197; FLJ99536; HLHS2; Homeobox protein CSX; Homeobox protein NK-2 homolog E; Homeobox protein Nkx 2.5; Homeobox protein Nkx-2.5; NK2 homeobox 5; NK2 transcription factor related locus 5; NK2 transcription factor related, locus 5 (Drosophila); NK2, Drosophila, homolog of, E; NKX2-5; NKX2.5; NKX25_HUMAN; Nkx2E; NKX4-1; Tinman paralog; VSD3;

Antibody Specification

Description	Implicated in commitment to and/or differentiation of the myocardial lineage. Acts as a transcriptional activator of ANF in cooperation with GATA4 (By similarity). Binds to the core DNA motif of NPPA promoter (PubMed:22849347, PubMed:26926761). It is transcriptionally controlled by PBX1 and acts as a transcriptional repressor of CDKN2B (By similarity). It is required for spleen development.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	50 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.