

Immunotag™ NKX2-1 Antibody

Antibody Specification	
Catalog No.	ITA7257
Product Description	Immunotag™ NKX2-1 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	NKX2-1
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 synthetic peptide of humanNKX2-1
Specificity	NKX2-1 Antibody detects endogenous levels of total NKX2-1
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.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	NKX2-1
Accession No.	P43699
Alternate Names	AV026640; BCH; Benign chorea; BHC; Homeobox protein NK 2 homolog A; Homeobox protein NK-2 homolog A; Homeobox protein Nkx 2.1; Homeobox protein Nkx-2.1; Homeobox protein Nkx2.1; NK 2; NK 2 homolog A; NK2; NK2 homeobox 1; NK2, drosophila, homolog of, A; NK2.1, mouse, homolog of; Nkx 2 1; NKX 2.1; NKX 2A; NKX2 1; Nkx2-1; NKX2.1; NKX21_HUMAN; NKX2A; T EBP; T/EBP; TEBP; Thyroid nuclear factor 1; Thyroid nuclear factor; Thyroid specific enhancer binding protein; Thyroid transcription factor 1; Tin man; Tinman; TITF 1; TITF1; TTF 1; TTF-1; TTF1;

Antibody Specification

Description	Transcription factor that binds and activates the promoter of thyroid specific genes such as thyroglobulin, thyroperoxidase, and thyrotropin receptor. Crucial in the maintenance of the thyroid differentiation phenotype. May play a role in lung development and surfactant homeostasis. Forms a regulatory loop with GRHL2 that coordinates lung epithelial cell morphogenesis and differentiation. Activates the transcription of GNRHR and plays a role in enhancing the circadian oscillation of its gene expression. Represses the transcription of the circadian transcriptional repressor NR1D1 (By similarity).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	42kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.