

Product datasheet for TA323321

TTF1 (NKX2-1) Rabbit Polyclonal Antibody

Product data:

OriGene Technologies, Inc.

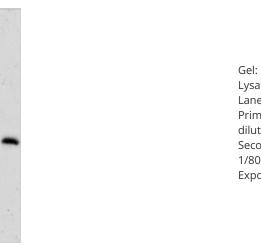
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Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse lung tissue
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
lsotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 18-31 amino acids of human NK2 homeobox 1
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	42 kDa
Gene Name:	NK2 homeobox 1
Database Link:	<u>NP_001073136</u> <u>Entrez Gene 21869 MouseEntrez Gene 25628 RatEntrez Gene 7080 Human</u> <u>P43699</u>



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	TTF1 (NKX2-1) Rabbit Polyclonal Antibody – TA323321
Background:	This gene encodes a protein initially identified as a thyroid-specific transcription factor. The encoded protein binds to the thyroglobulin promoter and regulates the expression of thyroid-specific genes but has also been shown to regulate the expression of genes involved in morphogenesis. Mutations and deletions in this gene are associated with benign hereditary chorea; choreoathetosis; congenital hypothyroidism; and neonatal respiratory distress; and may be associated with thyroid cancer. Multiple transcript variants encoding different isoforms have been found for this gene. This gene shares the symbol/alias 'TFF1' with another gene; transcription termination factor 1; which plays a role in ribosomal gene transcription.
Synonyms:	BCH; BHC; NK-2; NKX2.1; NKX2A; TEBP; TITF1; TTF-1; TTF1
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors
Product imag	es:



kDa 95**-**

72-

55-

36-

28.

Gel: 10%SDS-PAGE Lysate: 40 µg Lane: Mouse lung tissue Primary antibody: TA323321 (NKX2-1 Antibody) at dilution 1/300 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 1 minute

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