

# Thyroid Transcription Factor 1 Rabbit mAb

Catalog # AP78600

## Product Information

<b>Application</b>	WB, IHC-P, IF, FC, ICC
<b>Primary Accession</b>	<a href="#">P43699</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human TTF1
<b>Purification</b>	Affinity Chromatography
<b>Calculated MW</b>	38596

## Additional Information

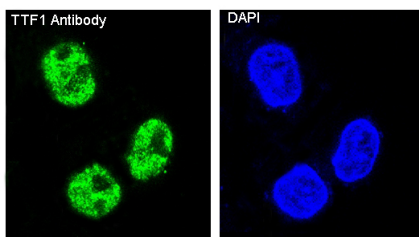
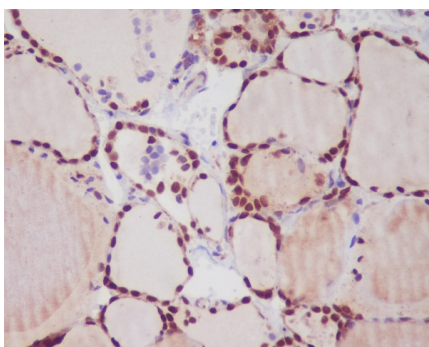
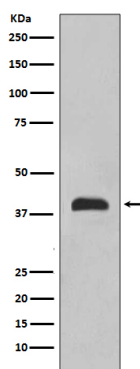
<b>Gene ID</b>	7080
<b>Other Names</b>	NKX2-1
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A IF~~1/50-1/200 FC~~1:10~50 ICC~~N/A
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

<b>Name</b>	NKX2-1 ( <a href="#">HGNC:11825</a> )
<b>Synonyms</b>	NKX2A, TITF1, TTF1
<b>Function</b>	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).
<b>Cellular Location</b>	Nucleus {ECO:0000250 UniProtKB:P50220}.
<b>Tissue Location</b>	Thyroid and lung.

## Images

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.