

**Thyroid Transcription Factor 1 Rabbit mAb**  
Catalog # AP76212

**Specification**

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**Thyroid Transcription Factor 1 Rabbit mAb - Product Information**

Application	WB, IF
Primary Accession	<a href="#">P43699</a>
Reactivity	Human, Hamster
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	38596

**Thyroid Transcription Factor 1 Rabbit mAb - Additional Information**

**Gene ID** 7080

**Other Names**  
NKX2-1

**Dilution**  
WB~~1/500-1/1000  
IF~~1/50-1/200

**Format**  
Liquid

**Thyroid Transcription Factor 1 Rabbit mAb - Protein Information**

**Name** NKX2-1 ([HGNC:11825](#))

**Synonyms** NKX2A, TITF1, TTF1

**Function**

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).

**Cellular Location**

Nucleus {ECO:0000250|UniProtKB:P50220}.

**Tissue Location**

Thyroid and lung.

## Thyroid Transcription Factor 1 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Thyroid Transcription Factor 1 Rabbit mAb - Images

