

Thyroid Transcription Factor 1 Rabbit mAb
Catalog # AP76212

Specification

Thyroid Transcription Factor 1 Rabbit mAb - Product Information

Application	WB, IF
Primary Accession	P43699
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

