

# TTF-1

Rabbit Monoclonal antibody(Mab)

Catalog # AD80352

## Product Information

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Application	IHC-P
Primary Accession	<a href="#">P43699</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Clone Names	847G1A6
Calculated MW	38596

## Additional Information

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Gene ID	7080
Gene Name	NKX2-1 ( <a href="#">HGNC:11825</a> )
Other Names	Homeobox protein Nkx-2.1, Homeobox protein NK-2 homolog A, Thyroid nuclear factor 1, Thyroid transcription factor 1, TTF-1, Thyroid-specific enhancer-binding protein, T/EBP, NKX2-1 ( <a href="#">HGNC:11825</a> ), NKX2A, TITF1, TTF1
Dilution	IHC-P~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.
Precautions	TTF-1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

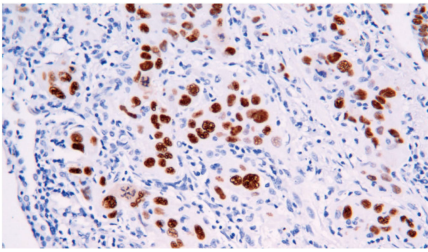
## Protein Information

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Name	NKX2-1 ( <a href="#">HGNC:11825</a> )
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.

## Images

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