

**TTF-1**  
**Rabbit Monoclonal Antibody (Mab)**  
**Catalog # APA352****Specification**

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**TTF-1 - Product Information**

Application	IHC
Primary Accession	<a href="#">P43699</a>
Host	Rabbit
Clonality	Monoclonal
Calculated MW	38596 Da

**TTF-1 - Additional Information**

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 ([HGNC:11825](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=11825)), NKX2A, TITF1, TTF1

Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	TTF-1 is for research use only and not for use in diagnostic or therapeutic procedures.

**TTF-1 - 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

Cellular Location

Tissue Location

**circadian transcriptional repressor NR1D1  
(By similarity).**

**Nucleus  
{ECO:0000250|UniProtKB:P50220}.  
Thyroid and lung.**

### **TTF-1 - 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](#)

### **TTF-1 - Images**