



# Rabbit Anti-Human TTF1 monoclonal antibody, clone TQ252 (CABT-L1875)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody may react with (Predicted by homology) : Mouse, Rat
<b>Target</b>	TTF1
<b>Immunogen</b>	Synthetic peptide derived from the internal region of human TTF-1 protein.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	TQ252
<b>Purification</b>	Protein A/G purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P, FC
<b>Molecular Weight</b>	39 kDa (calculated)
<b>Cellular Localization</b>	Nucleus
<b>Positive Control</b>	Lung, Thyroid
<b>Format</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, pH 7.6
<b>Preservative</b>	< 0.1% Sodium Azide

<b>Storage</b>	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.
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## BACKGROUND

<b>Introduction</b>	Thyroid transcription factor-1 (TTF-1) , also known as NK2 homeobox 1 (NKX2-1) , is a member of the NKx2 family of homeodomain transcription factors. It binds and activates the promoter of thyroid specific genes such as thyroglobulin, thyroperoxidase, and thyrotropin receptor. TTF-1 is expressed in epithelial cells of the thyroid gland and the lung, and their derived tumors such as lung adenocarcinoma and small cell carcinomas and thyroid cancer. It is absent in mesotheliomas, breast cancer, and colon cancer.
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<b>Keywords</b>	TTF1;transcription termination factor, RNA polymerase I;transcription termination factor 1;TTF-1;TTF-I
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## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">7080</a>
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<b>UniProt ID</b>	<a href="#">Q15361</a>
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