



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

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

Storage

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.

BACKGROUND

Introduction

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.

Keywords

TTF1;transcription termination factor, RNA polymerase I;transcription termination factor 1;TTF-1;TTF-I

GENE INFORMATION

Entrez Gene ID

[7080](#)

UniProt ID

[Q15361](#)
