

产品名称: TTF-I Rabbit Polyclonal Antibody
产品货号: APRab19403



产品概述 (Summary)

产品名称 (Production Name)	TTF-I Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, Rat, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	TTF1
别名 (Alternative Names)	TTF1; Transcription termination factor 1; TTF-1; RNA polymerase I termination factor; Transcription termination factor I; TTF-I
基因 ID (Gene ID)	7270.0
蛋白 ID (SwissProt ID)	Q15361. The antiserum was produced against synthesized peptide derived from human TTF1. AA range: 10-59

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	

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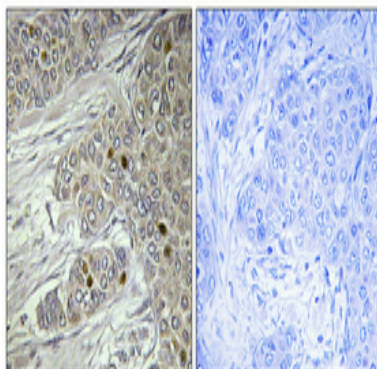
研究背景 (Background)

This gene encodes a transcription termination factor that is localized to the nucleolus and plays a critical role in ribosomal gene transcription. The encoded protein mediates the termination of RNA polymerase I transcription by binding to Sal box terminator elements downstream of pre-rRNA coding regions. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. This gene shares the symbol/alias 'TTF1' with another gene, NK2 homeobox 1, also known as thyroid transcription factor 1, which plays a role in the regulation of thyroid-specific gene expression. [provided by RefSeq, Apr 2011], domain: The N-terminal region inhibits DNA-binding via its interaction with the C-terminal region., function: Multifunctional nucleolar protein that terminates ribosomal gene transcription, mediates replication fork arrest and regulates RNA polymerase I transcription on chromatin. Plays a dual role in rDNA regulation, being involved in both activation and silencing of rDNA transcription. Interaction with TIP5 recovers DNA-binding activity., PTM: Phosphorylated upon DNA damage, probably by ATM or ATR., sequence caution: Contaminating sequence. Potential poly-A sequence., sequence caution: Contaminating sequence. Sequence of unknown origin in the C-terminal part., sequence caution: Contaminating sequence. Sequence of unknown origin in the N-terminal part., similarity: Contains 2 Myb-like domains., subunit: Oligomer. The oligomeric structure enables to interact simultaneously with two separate DNA fragments. Interacts with TIP5.,

研究领域 (Research Area)

Epigenetics and Nuclear Signaling; Transcription; Other factors

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4°, overnight) . High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only .