



TTF-I Polyclonal Antibody

Catalog No	YP-Ab-02145
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IHC;IF;ELISA
Gene Name	TTF1
Immunogen	The antiserum was produced against synthesized peptide derived from human TTF1. AA range:10-59
Specificity	TTF-I Polyclonal Antibody detects endogenous levels of TTF-I protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TTF-1;TTF-I;TTF1;Transcription termination factor 1;RNA polymerase I termination factor;Transcription termination factor I
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Nucleus. Nucleus, nucleolus .
Tissue Specificity	Epithelium,Uterus,
Function	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 fragmen

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 'TFF1' 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],

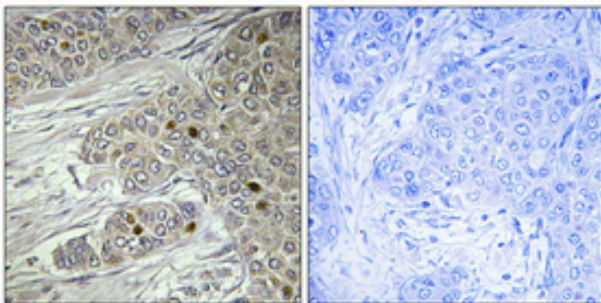
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.