



TTF-I Polyclonal Antibody

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| Catalog No | BYab-02145 |
| Isotype | IgG |
| Reactivity | Human;Rat;Mouse; |
| Applications | IHC;IF;ELISA |
| Gene Name | TTF1 |
| Protein Name | Transcription termination factor 1 |
| 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 | TTF1; Transcription termination factor 1; TTF-1; RNA polymerase I termination factor; Transcription termination factor I; TTF-I |
| Observed Band | |
| 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 |

Nanjing BYabscience technology Co.,Ltd



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],

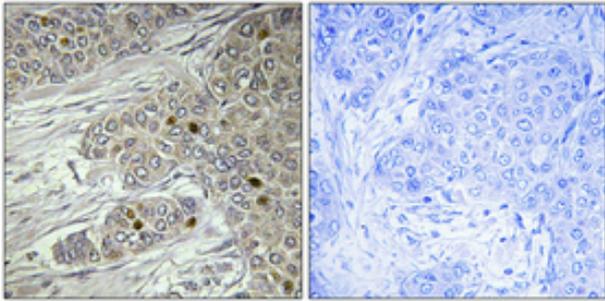
matters needing attention

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) obtaned from antibody was pre-absorbed by immunogen peptide.