

Rabbit anti-Human, Rat TTF1 Polyclonal Antibody | anti-TTF1 antibody

TTF1 Antibody

CATALOG # AAA327694	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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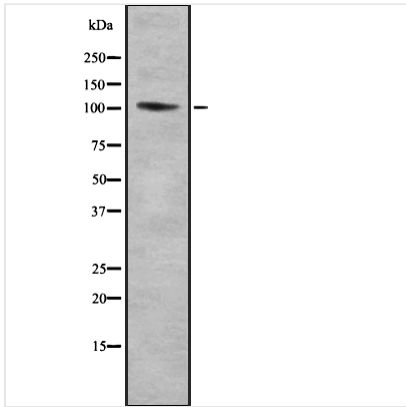
PRODUCT SYNONYMS

TTF1; Polyclonal Antibody; TTF1 Antibody; RNA polymerase I termination factor; Transcription termination factor 1; Transcription termination factor I; Transcription termination factor RNA polymerase I; TTF 1; TTF-1; TTF-I; Ttf1; TTF1_HUMAN; anti-TTF1 antibody

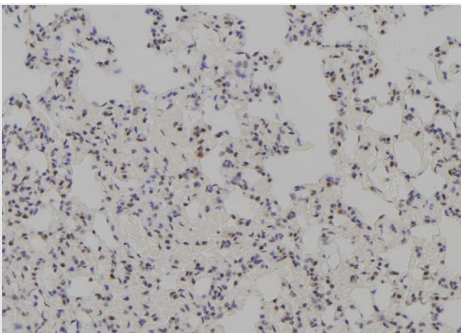
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TTF1 antibody detects endogenous levels of total TTF1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	390
Applicable Applications for anti-TTF1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TTF1
Subcellular Location	Nucleus. Nucleus > Nucleolus.
Predicted Cross Reactivity	Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Bovine (90%), Horse (90%), Sheep (90%), Rabbit (89%), Dog (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of TTF1 using HepG2 whole cell lysates



IHC (Immunohistochemistry)
AAA327694 at 1/100 staining Rat lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-TTF1 antibody	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 BAZ2A/TIP5 recovers DNA-binding activity. Subunit Structure: Oligomer. The oligomeric structure enables to interact simultaneously with two separate DNA fragments. Interacts with BAZ2A/TIP5. Interacts with CAVIN1. Similarity: The N-terminal region (NRD) inhibits DNA-binding via its interaction with the C-terminal region.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	328927005
NCBI GeneID	7270
NCBI Accession #	NP_001192225.1
NCBI GenBank Nucleotide #	NM_001205296.1
UniProt Accession #	Q15361; Q4VXF3; Q58EY2; Q6P5T5; A1L160
Molecular Weight	Observed: 103 kDa Predicted: 104 kDa
NCBI Official Full Name	transcription termination factor 1 isoform 2
NCBI Official Synonym Full Names	transcription termination factor 1
NCBI Official Symbol	TTF1
NCBI Official Synonym Symbols	TTF-1; TTF-I
NCBI Protein Information	transcription termination factor 1
UniProt Protein Name	Transcription termination factor 1
UniProt Gene Name	TTF1
UniProt Synonym Gene Names	TTF-1; TTF-I

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.