

TTF2 Polyclonal Antibody

Catalog number: 13722-1-AP

Size: 78 µg/150 µl

Source: Rabbit

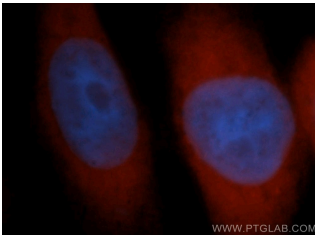
Isotype: IgG

Synonyms:

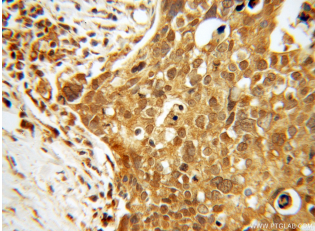
TTF2; F2, HuF2, Lodestar

homolog, Transcription release

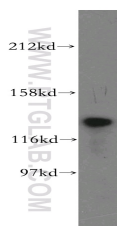
factor 2, TTF2



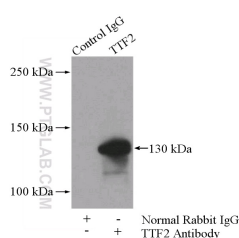
Immunofluorescent analysis of HeLa cells, using TTF2 antibody 13722-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



Immunohistochemical of paraffin-embedded human ovary tumor using 13722-1-AP(TTF2 antibody) at dilution of 1:100 (under 40x lens)



A2780 cells were subjected to SDS PAGE followed by western blot with 13722-1-AP(TTF2 antibody) at dilution of 1:500



IP Result of anti-TTF2

Background

Transcription elongation is an key target for control of eukaryotic gene expression. After initiating from a promoter, the RNA polymerase II elongation complex is subjected to a block to elongation by the action of components of N-TEF (negative transcription elongation factor) [PMID: 9748214]. Transcription termination factor 2 (TTF2) is a DsDNA-dependent ATPase that acts as a transcription termination factor by coupling ATP hydrolysis with removal of RNA polymerase II from the DNA template. It also contribute to mitotic transcription repression, and involved in pre-mRNA splicing[PMID:15125840, 12927788].

Applications

Tested applications:	ELISA, WB, IHC, IF, IP
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated TTF2 MW:	1162aa, 129 kDa
Observed TTF2 MW:	130 kDa
Positive WB detected in:	A2780 cells
Positive IP detected in:	A2780 cells
Positive IHC detected in:	Human ovary tumor tissue
Positive IF detected in:	HeLa cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000 IHC: 1:20-1:200 IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag4671
GenBank accession number:	BC030058
Gene ID (NCBI):	8458
Full name:	Transcription termination factor, RNA polymerase II

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

**(IP:13722-1-AP, 4ug;
Detection:13722-1-AP 1:500)
with A2780 cells lysate 840ug.**