SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

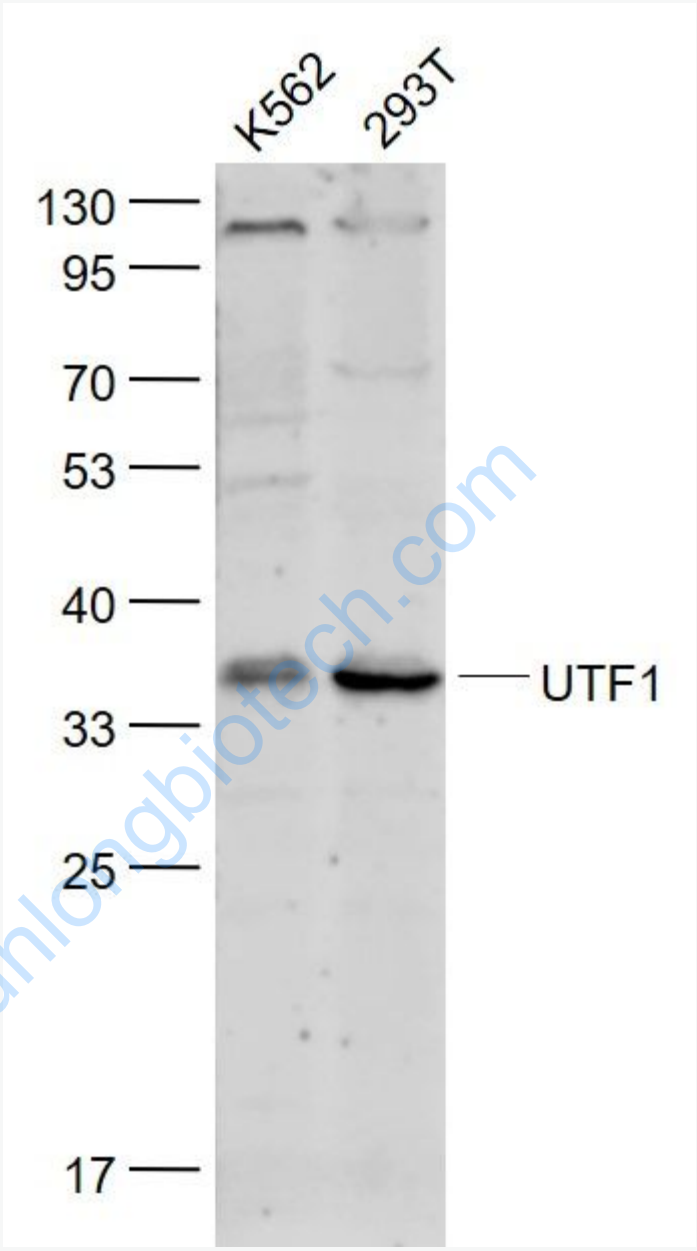
Rabbit Anti-UTF1 antibody

SL12207R

Product Name:	UTF1
Chinese Name:	未分化胚胎Stem cells转录因子1抗体
Alias:	hUTF 1; hUTF1; Undifferentiated embryonic cell transcription factor 1; UTF 1; UTF1_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	36kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from Human UTF1:101-170/341
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	UTF1 is a 341 amino acid protein that localizes to the nucleus and is subject to post-translational phosphorylation. Associating with the TFIID complex via an interaction with the TATA box binding protein (TFIID), UTF1 binds to the N-terminal region of ATF-2 and, via this binding, acts as a transcriptional coactivator of ATF-2, thereby enhancing transcriptional activity. Human UTF1 shares 64% homology with its mouse counterpart, suggesting a similar role between species. The gene encoding UTF1 maps

	to human chromosome 10, which houses over 1,200 genes and comprises nearly 4.5% of the human genome. Defects in some of the genes that map to chromosome 10 are associated with Charcot-Marie Tooth disease, Jackson-Weiss syndrome, Usher syndrome, nonsyndromatic deafness, Wolman's syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria. **Function:** Acts as a transcriptional coactivator of ATF2. **Subunit:** Binds to the N-terminal region of ATF2. Associates with the TFIID complex through interaction with TBP. **Subcellular Location:** Nucleus. **Post-translational modifications:** Phosphorylated. **SWISS:** Q5T230 **Gene ID:** 8433 **Database links:** UniProtKB/Swiss-Prot: Q5T230.1 **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

K562(Human) Cell Lysate at 30 ug

293T(Human) Cell Lysate at 30 ug

Primary: Anti- UTF1 (SL12207R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

	Predicted band size: 36 kD Observed band size: 36 kD