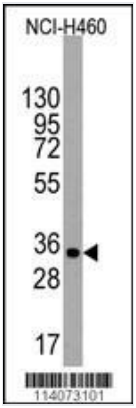
UTF1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	UTF1, Polyclonal Antibody
Full Product Name	UTF1, ID (L147) (Undifferentiated Embryonic Cell Transcription Factor 1) (HRP)
Product Gene Name	anti-UTF1 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Ammonium Sulfate Precipitation.
Specificity	Recognizes human UTF1.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates.
Molecular Weight	36kDa
OMIM	AB011076 mRNA
3D Structure	ModBase 3D Structure for Q5T230
Immunogen	Synthetic peptide selected from the center region of human UTF1 (KLH).
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-UTF1 antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-UTF1 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-UTF1 antibody	WB: 1:50-1:100 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-UTF1 antibody	MBS6505402 is an antibody targeting UTF1. Also known as UTF1, ID (L147) (Undifferentiated Embryonic Cell Transcription Factor 1) (HRP). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-UTF1 antibody	1. Nishimoto, M., Biochem. Biophys. Res. Commun. 285 (4), 945-953 (2001). 2. Fukushima, A., J. Biol. Chem. 273 (40), 25840-25849 (1998).
Other Notes	Small volumes of anti-UTF1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-UTF1 antibody
Western blot analysis of anti-UTF1 Antibody (Center L147) (RB14073) in NCI-H460 cell line lysates (35ug/lane). UTF1(arrow) was detected using the purified Pab.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UTF1. It may not necessarily be applicable to this product.

NCBI GI #	71043876
NCBI GeneID	8433
NCBI Accession #	NP_003568
UniProt Primary Accession #	Q5T230
UniProt Related Accession #	Q5T230
GenBank Nucleotide #	NM_003577
NCBI Official Full Name	undifferentiated embryonic cell transcription factor 1
NCBI Official Synonym Full Names	undifferentiated embryonic cell transcription factor 1
NCBI Official Symbol	UTF1
UniProt Protein Name	Undifferentiated embryonic cell transcription factor 1
Protein Family	Undifferentiated embryonic cell transcription factor
UniProt Gene Name	UTF1
NCBI Protein Information	undifferentiated embryonic cell transcription factor 1
NCBI Summary for UTF1	The protein encoded by this gene is a leucine zipper-containing transcriptional coactivator that may link the upstream activator ATF2 with the basal transcription complex. The encoded protein is closely associated with chromatin and is required for the proper differentiation of embryonic carcinoma and embryonic stem cells. Found nearly exclusively in pluripotent cells, this protein can also serve as a transcriptional repressor. [provided by RefSeq, Nov 2015]
UniProt Comments for UTF1	UTF1: Acts as a transcriptional coactivator of ATF2. Binds to the N-terminal region of ATF2. Associates with the TFIID complex through interaction with TBP. Chromosomal Location of Human Ortholog: 10q26.3 Cellular Component: nucleus Molecular Function: protein binding; transcription coactivator activity Biological Process: male gonad development; positive regulation of transcription from RNA polymerase II promoter; regulation of transcription from RNA polymerase II promoter

Research Articles on UTF1	**1.** With a sensitivity of 100% and a specificity of 97% in the detection of central nervous system (CNS) germinomas, UTF1 serves as a new reliable alternative in the diagnostic setting of CNS germ cell tumours.
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