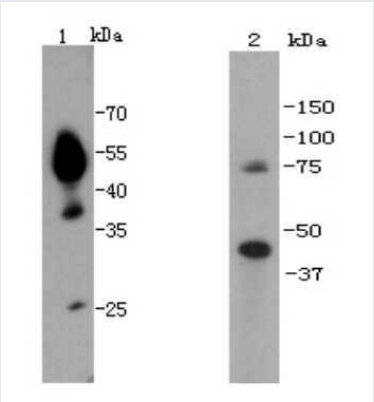
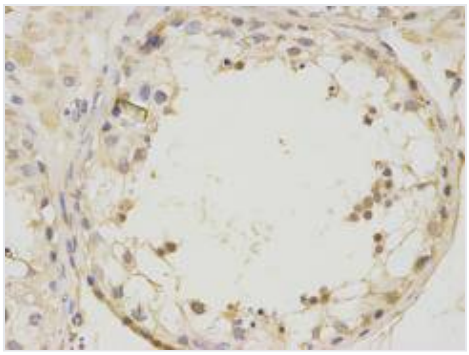
UTF1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	UTF1, Polyclonal Antibody
Full Product Name	UTF1 Antibody
Product Gene Name	anti-UTF1 antibody
Product Synonym Names	hUTF 1 antibody; hUTF1 antibody; Undifferentiated embryonic cell transcription factor 1 antibody; UTF 1 antibody; UTF1 antibody; UTF1_HUMAN antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Purity/Purification	Immunogen affinity purified
Preparation and Storage	Store at -20 degree C.
Molecular Weight	36,439 Da
OMIM	AB011076 mRNA
3D Structure	ModBase 3D Structure for Q5T230
Immunogen	Peptide
Conjugation	Unconjugated
Product Categories/Family for anti-UTF1 antibody	Total protein Ab
Applications Tested/Suitable for anti-UTF1 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-UTF1 antibody	WB: 1:1000-1:2000 IHC: 1:200
Related Product Information for anti-UTF1 antibody	Undifferentiated embryonic cell transcription factor 1 (UTF1) is expressed in cells of the inner cell mass and the epiblast. Upon activation by Oct-3/4, UTF1 may be responsible for the rapid proliferation and tumorigenic properties of embryonic stem cells. Sox2 is also part of the Oct-3/4-containing complex able to bind the regulatory region of UTF1. UTF1 acts as a transcriptional coactivator of ATF2 and it binds to the N-terminal region of ATF2. Reduced expression in embryonic stem cells (ESCs) is associated with failure to differentiate properly, although self-renewal is unaffected.
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.
Searchable Terms for UTF1 purchase	MBS9435019 is an antibody targeting UTF1. Also known as UTF1 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-UTF1 antibody
Western blot analysis on D3 cell lysates (1) and human brain tissue (2) using anti-UTF1 rabbit polyclonal antibodies.



Immunohistochemistry (IHC) of anti-UTF1 antibody
Immunohistochemical analysis of paraffin-embedded human testis tissue using anti- UTF1 rabbit polyclonal antibodies.

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_003568.2
UniProt Primary Accession #	Q5T230
UniProt Secondary Accession #	O75833; Q6J1H3
UniProt Related Accession #	Q5T230
GenBank Nucleotide #	NM_003577.2
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.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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