

UTF1 Rabbit pAb

Catalog # AP96598

Product Information

Application	WB
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36 kDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from Human UTF1
Epitope Specificity	101-170/341
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBUNIT	Binds to the N-terminal region of ATF2. Associates with the TFIID complex through interaction with TBP.
Post-translational modifications	Phosphorylated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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, nonsyndromic deafness, Wolman's syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria.

Additional Information

Gene ID	8433
Other Names	UTF1_HUMAN; UTF1; undifferentiated embryonic cell transcription factor 1
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.
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Function

Acts as a transcriptional coactivator of ATF2.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.