

For Research Use Only

# UTF1 Polyclonal antibody

Catalog Number: 30456-1-AP



## Basic Information

<b>Catalog Number:</b> 30456-1-AP	<b>GenBank Accession Number:</b> NM_003577	<b>Purification Method:</b> Antigen affinity purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 8433	<b>Recommended Dilutions:</b> WB: 1:500-1:2000 IHC: 1:50-1:500
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q5T230	
<b>Immunogen Catalog Number:</b> AG31070	<b>Full Name:</b> undifferentiated embryonic cell transcription factor 1	
	<b>Calculated MW:</b> 36 kDa	
	<b>Observed MW:</b> 36 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b> WB : UCMSCs cells, IHC : rat liver tissue,
<b>Species Specificity:</b> human, rat	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

UTF1 is a nuclear transcriptional co-regulator expressed in pluripotent stem cells, where it stabilizes self-renewal networks and controls the transition from pluripotency to differentiation. As a chromatin-associated factor, it fine-tunes gene expression programs essential for early embryogenesis and is a key marker in stem cell and cancer biology research.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

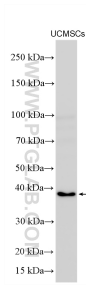
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

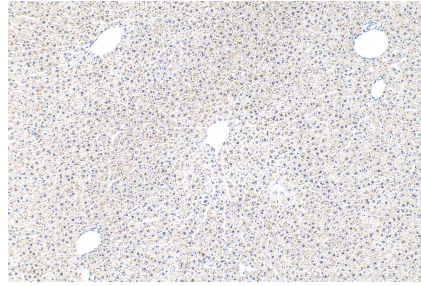
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## Selected Validation Data



UCMSCs cell lysates were subjected to SDS PAGE followed by western blot with 30456-1-AP (UTF1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using 30456-1-AP (UTF1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).