

For Research Use Only

UTF1 Polyclonal antibody

Catalog Number: 30456-1-AP



Basic Information

Catalog Number: 30456-1-AP	GenBank Accession Number: NM_003577	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 480 ug/ml by Nanodrop;	GeneID (NCBI): 8433	Recommended Dilutions: WB: 1:500-1:2000 IHC: 1:50-1:500
Source: Rabbit	UNIPROT ID: Q5T230	
Isotype: IgG	Full Name: undifferentiated embryonic cell transcription factor 1	
Immunogen Catalog Number: AG31070	Calculated MW: 36 kDa	
	Observed MW: 36 kDa	

Applications

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

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

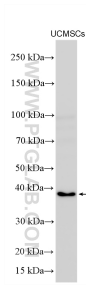
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

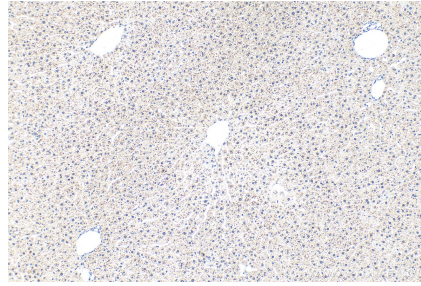
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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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).