

For Research Use Only

UTF1 Polyclonal antibody, PBS Only

Catalog Number: 30456-1-PBS



Basic Information

Catalog Number:

30456-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31070

GenBank Accession Number:

NM_003577

GeneID (NCBI):

8433

UNIPROT ID:

Q5T230

Full Name:

undifferentiated embryonic cell transcription factor 1

Calculated MW:

36 kDa

Observed MW:

36 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, rat

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 -80°C.

Storage Buffer:

PBS only, pH7.3

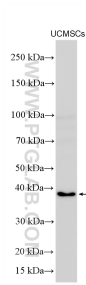
For technical support and original validation data for this product please contact:

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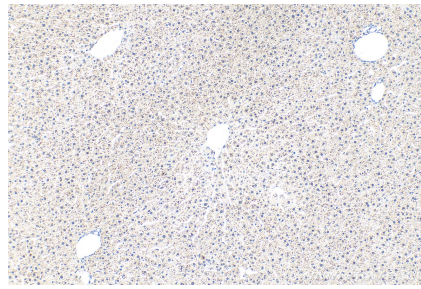
E: proteintech@ptglab.com
W: ptglab.com

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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. This data was developed using the same antibody clone with 30456-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 30456-1-PBS in a different storage buffer formulation.