

# CPTC-UTP14A-1 (CAB079950)

Uniprot ID: [Q9BVJ6](#)

Protein name: UT14A\_HUMAN

Full name: U3 small nucleolar RNA-associated protein 14 homolog A

Tissue specificity: Ubiquitously expressed.

Function: May be required for ribosome biogenesis.

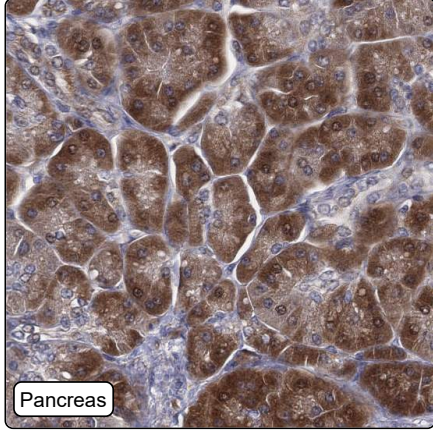
Subcellular location:

Nucleus > Nucleolus (*experimental evidence*)

Protein existence: Experimental evidence at protein level

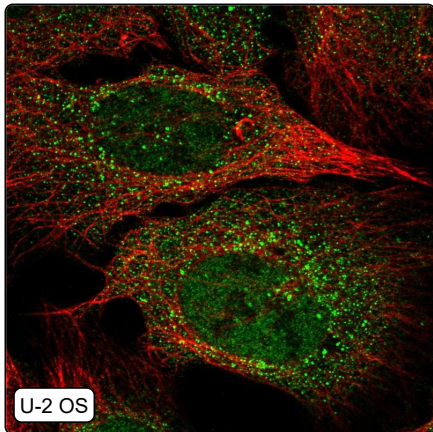
Comment:

## Immunohistochemistry



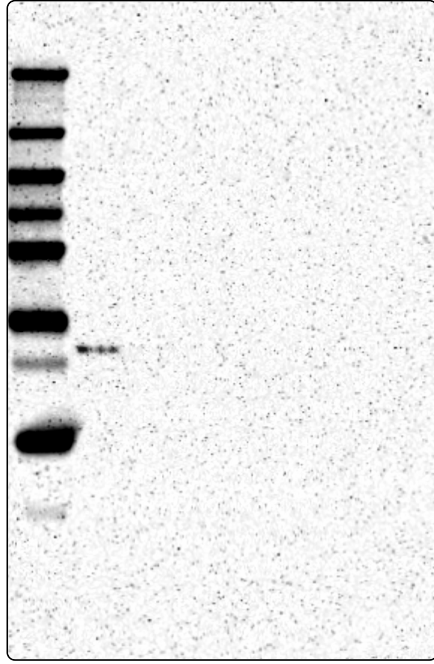
IHC protocol:	HIER pH6, Dilution 1:2800
IHC test staining:	Cytoplasmic positivity in most tissues.
Literature conformance:	No available gene/protein characterization data
Literature significance:	
RNA consistency:	Mainly consistent with RNA expression data
IHC Sibling similarity:	Other antibody shows partly similar IHC staining pattern

## Immunofluorescence



IF Overlay:	antibody (green), anti-tubuline (red) and DAPI (blue)
IF main location:	Vesicles - 12: <b>Uncertain</b> (auto) Nucleoplasm - 12: <b>Uncertain</b> (auto)
IF additional location:	
IF Antibody score:	Failed IF
IF in A549:	Nucleoplasm Vesicles
IF in HEK 293:	Negative
IF in U-2 OS:	Nucleoplasm Vesicles

# Western blot



<b>WB Size markers (kDa):</b>	250, 130, 100, 70, 55, 35, 25, 15, 10
<b>WB Lanes:</b>	Marker (1), RT4 (2), U-251 MG (3), Plasma (4), Liver (5), Tonsil (6)
<b>WB Target weight (kDa):</b>	37, 82, 88
<b>WB Validation:</b>	Uncertain (Single band differing more than +/-20% from predicted size in kDa and not supported by experimental and/or bioinformatic data.)