

CPTC-TNFRSF17-1 (CAB079958)

Uniprot ID: [Q02223](#)

Protein name: TNR17_HUMAN

Full name: Tumor necrosis factor receptor superfamily member 17

Tissue specificity: Expressed in mature B-cells, but not in T-cells or monocytes.

Function: Receptor for TNFSF13B/BLYS/BAFF and TNFSF13/APRIL. Promotes B-cell survival and plays a role in the regulation of humoral immunity. Activates NF-kappa-B and JNK.

Subcellular location:

Cell membrane (Topo: Single-pass type III membrane protein)

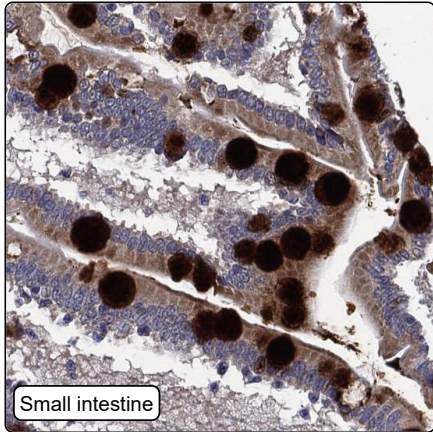
Endomembrane system (Topo: Single-pass type III membrane protein)

NOTE: Perinuclear Golgi-like structures.

Protein existence: Experimental evidence at protein level

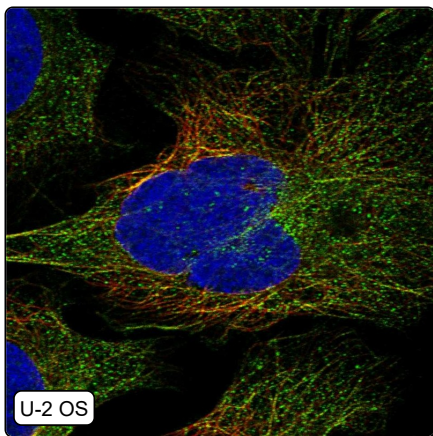
Comment: ICC-IF: Not expressed at RNA level in our cell line panel. /Ulrika Axelsson

Immunohistochemistry



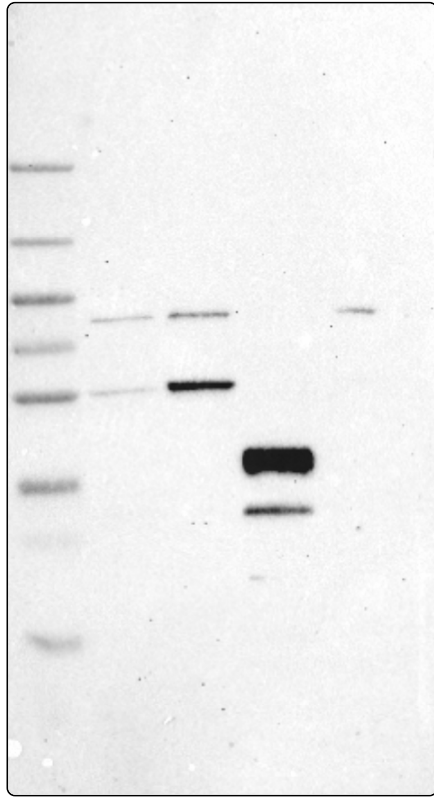
IHC protocol:	HIER pH6, Dilution 1:525
IHC test staining:	Very strong cytoplasmic positivity in goblet cells and pancreas.
Literature conformance:	No available gene/protein characterization data
Literature significance:	Limited
RNA consistency:	Not consistent with RNA expression data
IHC Sibling similarity:	Other antibody shows dissimilar IHC staining pattern
IHC fail comment:	ANTIBODY FAILED:

Immunofluorescence



IF Overlay:	antibody (green), anti-tubuline (red) and DAPI (blue)
IF main location:	Microtubules - 12: Uncertain (auto)
IF additional location:	
IF Antibody score:	Uncertain
IF in U-2 OS:	Csk(mt)

Western blot



WB Size markers (kDa):	250, 130, 100, 70, 55, 35, 25, 15, 10
WB Lanes:	Marker (1), RT4 (2), U-251 MG (3), Plasma (4), Liver (5), Tonsil (6)
WB Target weight (kDa):	15, 15, 20
WB Validation:	Uncertain (Weak band of predicted size but with additional bands of higher intensity also present.)