

CPTC-CD27-1 (CAB080302)

Uniprot ID: [P26842](#)

Protein name: CD27_HUMAN

Full name: CD27 antigen

Tissue specificity: Found in most T-lymphocytes.

Function: Receptor for CD70/CD27L. May play a role in survival of activated T-cells. May play a role in apoptosis through association with SIVA1.

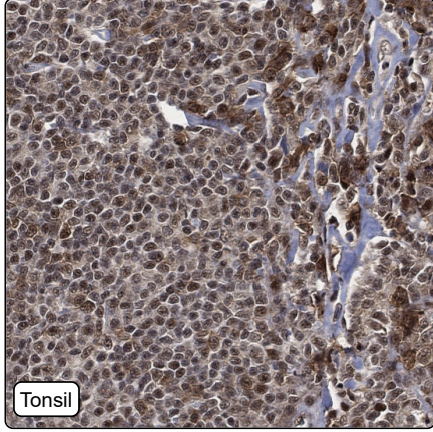
Subcellular location:

Membrane (Topo: Single-pass type I membrane protein)

Protein existence: Experimental evidence at protein level

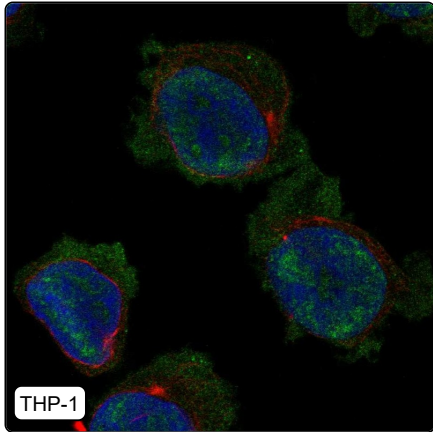
Comment:

Immunohistochemistry



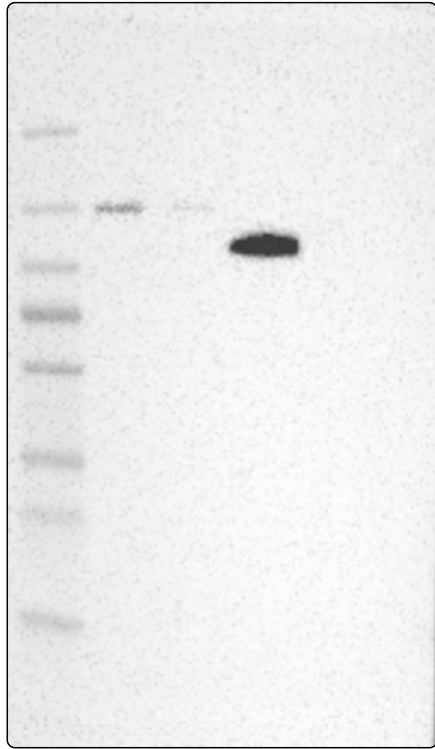
IHC protocol:	HIER pH6, Dilution 1:700
IHC test staining:	Cytoplasmic and nuclear positivity in most tissues.
Literature conformance:	Not consistent with gene/protein characterization data
Literature significance:	
RNA similarity:	Very low consistency between antibody staining and RNA expression data
RNA tissue specificity:	Tissue enriched (lymphoid tissue)
RNA tissue distribution:	Detected in many
IHC Sibling similarity:	Other antibody shows dissimilar IHC staining pattern

Immunofluorescence



IF Overlay:	antibody (green), anti-tubulin (red) and DAPI (blue)
IF main location:	Nucleoli - 8: Approved (auto) Plasma membrane - 8: Approved (auto) Nuclear speckles - 8: Approved (auto) Nucleoplasm - 8: Approved (auto)
IF additional location:	
IF approved for publication on HPA:	No
IF in THP-1:	Nucleoplasm Nucleoli Plasma membrane
IF in U2OS:	Nuc speckles

Western blot



WB Size markers (kDa):	250, 130, 100, 70, 55, 35, 25, 15, 10
WB Lanes:	Marker (1), RT-4 (2), U-251MG (3), Plasma (4), Liver (5), Tonsil (6)
WB Target weight (kDa):	29
WB Validation:	Uncertain (Single band larger than predicted size in kDa (+20%) but partly supported by experimental and/or bioinformatic data.)