10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-RELT Antibody

Catalog # AP53747

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q969Z4
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46092

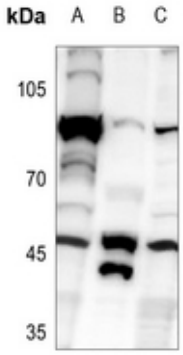
Additional Information

Gene ID	84957
Other Names	TNFRSF19L; Tumor necrosis factor receptor superfamily member 19L; Receptor expressed in lymphoid tissues
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human RELT. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1/50 - 1/200 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

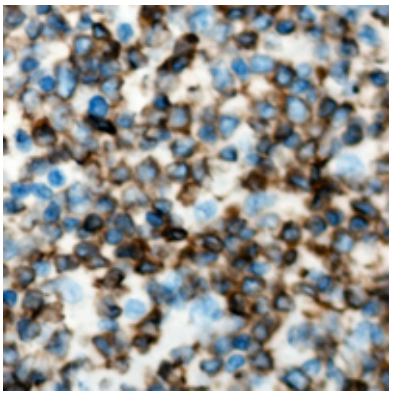
Protein Information

Name	RELT
Synonyms	TNFRSF19L
Function	May play a role in apoptosis (PubMed: 19969290, PubMed:28688764). Induces activation of MAPK14/p38 and MAPK8/JNK MAPK cascades, when overexpressed (PubMed:16530727). Involved in dental enamel formation (PubMed:30506946).
Cellular Location	Cell membrane; Single-pass type I membrane protein Cytoplasm. Cytoplasm, perinuclear region
Tissue Location	Spleen, lymph node, brain, breast and peripheral blood leukocytes (at protein level) (PubMed:28688764). Expressed highly in bone marrow and fetal liver. Very low levels in skeletal muscle, testis and colon. Not detected in kidney and pancreas

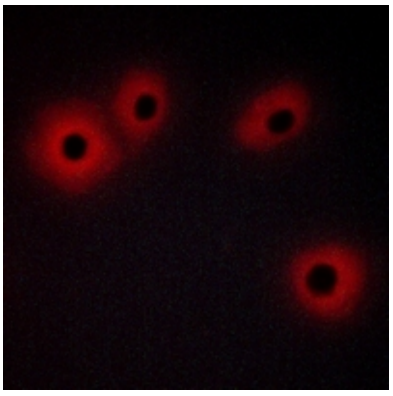
Images



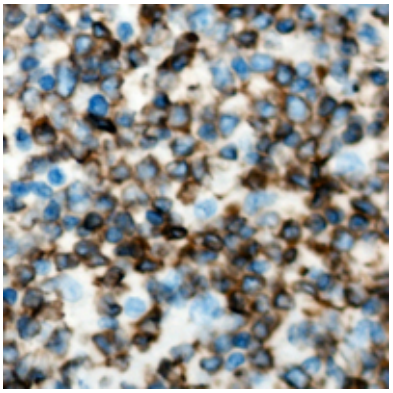
Western blot analysis of RELT expression in Jurkat (A), rat brain (B), SHSY5Y (C) whole cell lysates. (Predicted band size: 46 kD; Observed band size: 46 kD)



Immunohistochemical analysis of RELT staining in human lymph node formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of RELT staining in HuvEc cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Immunohistochemical analysis of RELT staining in human lymph node formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.