

## Product datasheet for **TA330337**

### **LIGHT (TNFSF14) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TNFSF14 antibody: synthetic peptide directed towards the middle region of human TNFSF14. Synthetic peptide located within the following region: ATSSSRVWWDSSFLGGVHLEAGEKVVVRVLDRLVRLRDGTRSYFGAFM
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	22 kDa
Gene Name:	tumor necrosis factor superfamily member 14
Database Link:	<a href="#">NP_003798</a> <a href="#">Entrez Gene 8740 Human</a> <a href="#">O43557</a>



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**Background:**

TNFSF14 is the cytokine that binds to TNFRSF3/LTBR. Binding to the decoy receptor TNFRSF6B TNFSF14 modulates its effects. TNFSF14 activates NFκB, stimulates the proliferation of T-cells, and inhibits growth of the adenocarcinoma HT-29. TNFSF14 acts as a receptor for Herpes simplex virus. The protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF14, which is a member of the tumor necrosis factor receptor superfamily, and which is also known as a herpesvirus entry mediator (HVEM). This protein may function as a costimulatory factor for the activation of lymphoid cells and as a deterrent to infection by herpesvirus. This protein has been shown to stimulate the proliferation of T cells, and trigger apoptosis of various tumor cells. This protein is also reported to prevent tumor necrosis factor alpha mediated apoptosis in primary hepatocyte. Two alternatively spliced transcript variant encoding distinct isoforms have been reported.

**Synonyms:**

CD258; HVEM; LIGHT; LTg

**Note:**

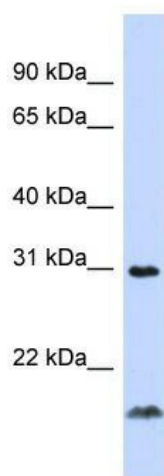
Immunogen sequence homology: Dog: 92%

**Protein Families:**

Druggable Genome, Secreted Protein, Transmembrane

**Protein Pathways:**

Cytokine-cytokine receptor interaction

**Product images:**


WB Suggested Anti-TNFSF14 Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1:312500; Positive  
Control: 721\_B cell lysate TNFSF14 is supported  
by BioGPS gene expression data to be expressed  
in 721\_B