

Product datasheet for **TA306306**

TNFRSF14 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 2 ug/mL, ICC: 10 ug/mL, IF: 20 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TNFRSF14 antibody was raised against a 16 amino acid peptide from near the carboxy terminus of human TNFRSF14.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tumor necrosis factor receptor superfamily member 14
Database Link:	NP_003811 Entrez Gene 8764 Human Q92956

Background: Tumor necrosis factor receptor (TNFR) superfamily members are defined by cysteine-rich domains in their extracellular regions that bind TNF-related ligands that share a common structural homology in their extracellular domain. TNFRSF14 was initially identified as the Herpesvirus entry mediator and upon binding to the herpes simplex virus (HSV) envelope glycoprotein D or either of its natural ligands LIGHT and lymphotoxin alpha (LT), activates the transcription factors NF-kappaB and AP-1. Activation of this signal transduction pathway in T cells stimulates T cell proliferation and cytokine production, leading to inflammation and enhanced CTL-mediated tumor immunity, suggesting that these proteins may be useful as potential targets for controlling cellular immune responses.



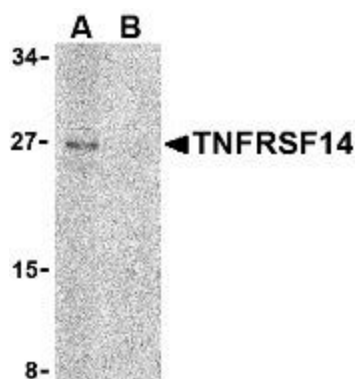
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Synonyms: ATAR; CD270; HVEA; HVEM; LIGHTR; TR2

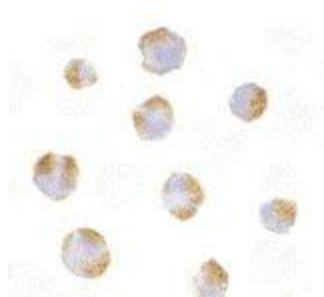
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

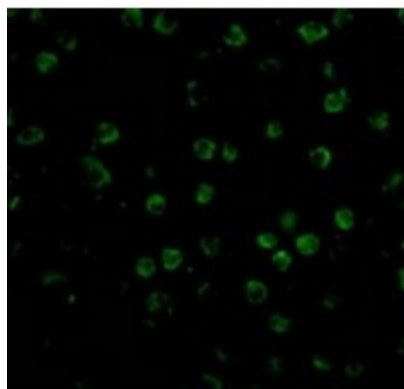
Product images:



Western blot analysis of TNFRSF14 in Raji cell lysate with TNFRSF14 antibody at 2 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunocytochemistry of TNFRSF14 in Raji with TNFRSF14 antibody at 10 ug/mL.



Immunofluorescence of TNFRSF14 in Raji cells with TNFRSF14 antibody at 20 ug/mL.