

## Product datasheet for **TA306307**

### TNFRSF14 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 1 ug/mL, IF: 10 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TNFRSF14 antibody was raised against a 15 amino acid peptide from near the amino 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:	<a href="#">NP_003811</a> <a href="#">Entrez Gene 230979 Mouse</a> <a href="#">Entrez Gene 8764 Human</a> <a href="#">Q92956</a>
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.



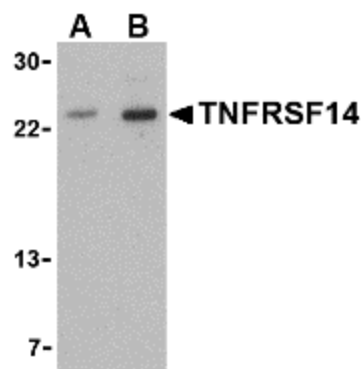
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**Synonyms:** ATAR; CD270; HVEA; HVEM; LIGHTR; TR2

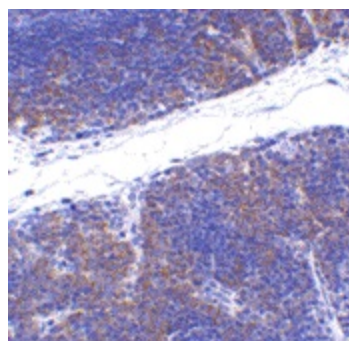
**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Cytokine-cytokine receptor interaction

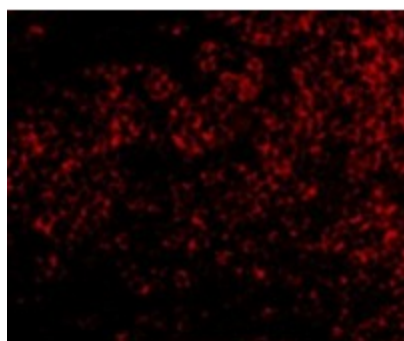
**Product images:**



Western blot analysis of TNFRSF14 in mouse thymus tissue lysate with TNFRSF14 antibody at (A) 1 and (B) 2 ug/ml.



Immunohistochemistry of TNFRSF14 in mouse thymus tissue with TNFRSF14 antibody at 1 ug/ml.



Immunofluorescence of TNFRSF14 in Mouse Thymus tissue with TNFRSF14 antibody at 10 ug/mL.