

Anti-TNFRSF14 Antibody

Catalog Number: A02298-2

About TNFRSF14

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- κ B 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.

Overview

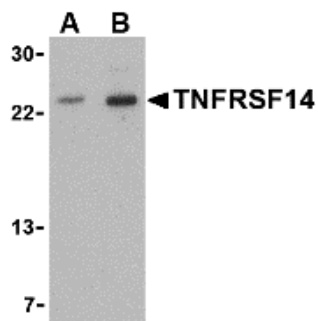
Product Name	Anti-TNFRSF14 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-TNFRSF14 Antibody (Catalog # A02298-2). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	TNFRSF14 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	TNFRSF14 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q92956

Technical Details

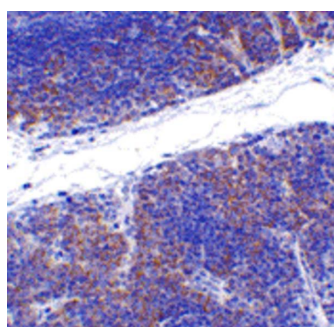
Immunogen	TNFRSF14 antibody was raised against a 15 amino acid synthetic peptide from near the amino terminus of human TNFRSF14. The immunogen is located within amino acids 20 - 70 of TNFRSF14.
Predicted Reactive Species	Chicken
Cross Reactivity	Multiple isoforms of TNFRSF14 are known to exist.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL

Purification	TNFRSF14 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	<p>TNFRSF14 antibody can be used for the detection of TNFRSF14 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 1 ug/mL. For immunofluorescence start at 10 ug/mL.</p> <p>Antibody validated: Western Blot in mouse samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.</p>

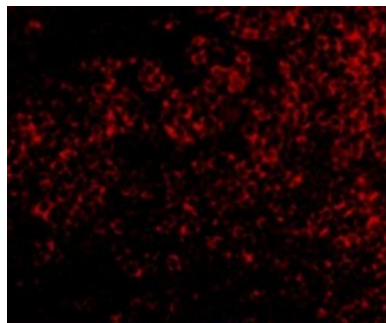
Anti-TNFRSF14 Antibody (A02298-2) Images



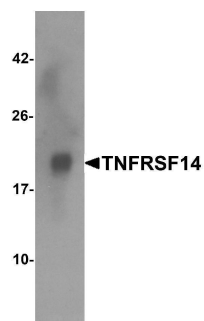
Western blot analysis of TNFRSF14 in mouse thymus tissue lysate with TNFRSF14 antibody at (A) 1 and (B) 2 ug/mL.



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.



Western blot analysis of 125 ng of TNFRSF14 with TNFRSF14 antibody at 1 ug/mL.

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Anti-TNFRSF14 Antibody

For Research Use Only. Not for use in diagnostic procedures.