



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

TNFRSF14 CT (Tumor necrosis factor receptor superfamily 14). Rabbit Polyclonal Antibody

Tumor necrosis factor receptor superfamily 14, Herpesvirus entry mediator, HVEM, TR2

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- 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.

ORDERING INFORMATION

CATALOG NUMBER

X1830P

SIZE

100 μ g

FORM

Unconjugated

HOST/CLONE

Rabbit

FORMULATION

Provided as solution in phosphate buffered saline with 0.02% sodium azide

CONCENTRATION

See vial for concentration

ISOTYPE

IgG

APPLICATIONS

Western Blot

SPECIES REACTIVITY

Human

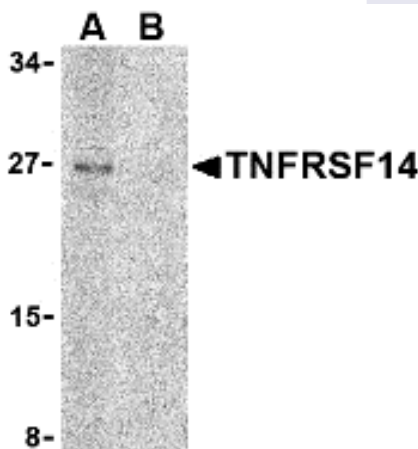
ACCESSION NUMBER

Human Q92956

IMMUNOGEN

Rabbit polyclonal TNFRSF14 antibody was raised against a 16 amino acid peptide from near the carboxy terminus of human TNFRSF14.

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



POSITIVE CONTROL/TISSUE EXPRESSION

Positive Control: Raji Cell Lysate

Located in the membrane and widely expressed, with the highest expression in lung, spleen and thymus.⁶

COMMENTS

TNFRSF14 antibody can be used for the detection of TNFRSF14 by Western blot at 1 - 2 ug/ml.

PURIFICATION

Antigen Immunoaffinity Purification

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

STORAGE CUSTOMER

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

REFERENCES

- 1) Watts TH. TNF/TNFR family members in costimulation of T cell responses. *Annu. Rev. Immunol.* 2005; 23:23-68.
- 2) Montgomery RI, Warner MS, Lum BJ, et al. Herpes simplex virus-1 entry into cells mediated by a novel member of the TNF/NGF receptor family. *Cell* 1996; 87:427-36.
- 3) Marsters SA, Ayres TM, Skubatch M, et al. Herpesvirus entry mediator, a member of the tumor necrosis factor receptor (TNFR) family, interacts with members of the TNFR-associated factor family and activates the transcription factors NF-kappaB and AP-1. *J. Biol. Chem.* 1997; 272:14029-32.
- 4) Mauri DN, Ebner R, Montgomery RI, et al. LIGHT, a new member of the TNF superfamily, and lymphotoxin alpha are ligands for herpesvirus entry mediator. *Immunity* 1998; 8:21-30.
- 5) Granger SW and Rickert S. LIGHT-HVEM signaling and the regulation of T cell-mediated immunity. *Cyto. and Growth Factor Rev.* 2003; 14:289-96. (06-01D)
- 6) UniProtKB/Swiss-Prot entry Q92956, <http://www.expasy.org/uniprot/Q92956>, Accessed February 27, 2007.

PRODUCT SPECIFIC REFERENCES