

Datasheet for ABIN3042883
anti-TNFRSF4 antibody (N-Term)

3 Images

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Overview

Quantity:	100 µg
Target:	TNFRSF4
Binding Specificity:	AA 29-47, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNFRSF4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Tumor necrosis factor receptor superfamily member 4(TNFRSF4) detection. Tested with WB in Human.
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human CD134(29-47aa LHCVGDTYPSNDRCCHECR).
Sequence:	LHCVGDTYPS NDRCCHECR
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	<p>Rabbit IgG polyclonal antibody for Tumor necrosis factor receptor superfamily member 4(TNFRSF4) detection. Tested with WB in Human.</p> <p>Gene Name: tumor necrosis factor receptor superfamily, member 4</p> <p>Protein Name: Tumor necrosis factor receptor superfamily member 4</p>

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: TNFRSF4

Alternative Name: TNFRSF4 ([TNFRSF4 Products](#))

Background: Tumor necrosis factor receptor superfamily, member4, also known as ACT35 or CD134 is a cell surface glycoprotein that was discovered through the production of a monoclonal antibody raised against the HUT-102 cell line. It belongs to the tumor necrosis factor receptor superfamily. CD134 was mapped to 1p36 by fluorescence in situ hybridization. CD134 is the primary receptor for feline immunodeficiency virus. CD134 expression can promote viral binding and renders cells permissive for viral entry, productive infection, and syncytium formation. Stimulating the receptor can improve the response to a powerful virus vector and may be useful in vaccine development.

Synonyms: ACT 35 antibody|ACT35 antibody|ACT35 antigen antibody|ATC35 antigen antibody|CD 134 antibody|CD134 antibody|CD134 antigen antibody|Lymphoid activation antigene ACT35 antibody|OX 40 antibody|OX40 antibody|OX40 antigen antibody|OX40 cell surface antigen antibody|OX40 homologue antibody|OX40L receptor antibody|TAX transcriptionally activated glycoprotein 1 receptor antibody|TAX transcriptionally-activated glycoprotein 1 receptor antibody|TNFRSF 4 antibody|TNFRSF4 antibody|TNR4_HUMAN antibody|Tumor necrosis factor receptor superfamily member 4 antibody|Txgp 11 antibody|Txgp1 antibody|Txgp1l antibody

UniProt: [P43489](#)

Pathways: [Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints](#)

Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, The detection limit for TNFRSF4 is approximately 2.5 ng/lane under reducing conditions.
Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities.
Other applications have not been tested. Optimal dilutions should be determined by end users.

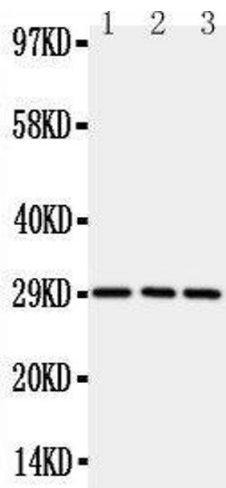
Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB.

Restrictions: For Research Use only

Handling

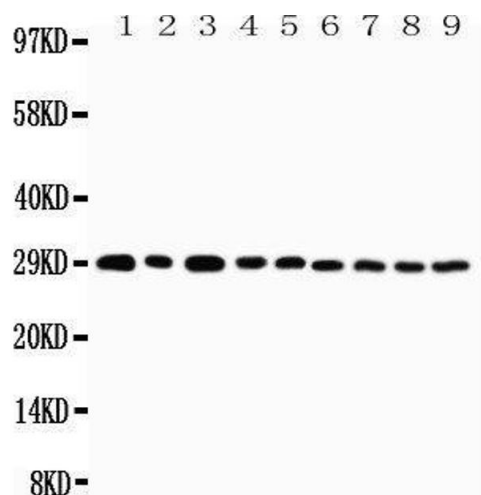
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Expiry Date:	12 months

Images



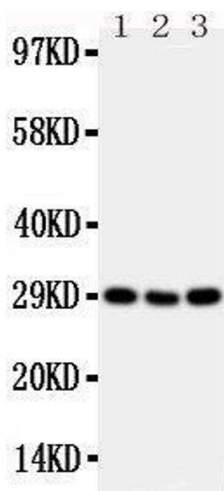
Western Blotting

Image 1. Anti-CD134/OX40 antibody, Western blotting All lanes: Anti CD134/OX40 () at 0.5ug/ml Lane 1: Rat Brain Tissue Lysate at 50ug Lane 2: Rat Liver Tissue Lysate at 50ug Lane 3: Rat Kidney Tissue Lysate at 50ug Predicted bind size: 29KD Observed bind size: 29KD



Western Blotting

Image 2.



Western Blotting

Image 3. Anti-CD134/OX40 antibody, Western blotting Lane 1: Mouse Brain Tissue Lysate Lane 2: Mouse Spleen Tissue Lysate Lane 3: Mouse Liver Tissue Lysate