Datasheet for ABIN3042722

anti-TNFRSF13C antibody (N-Term)

1 Image

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Overview

Quantity:	100 µg
Target:	TNFRSF13C
Binding Specificity:	AA 1-15, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNFRSF13C antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Anti-BAFF Receptor/TNFRSF13C Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human BAFF Receptor.
Sequence:	MRRGPRSLRG RDAPA
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-BAFF Receptor/TNFRSF13C Antibody (ABIN3042722). Tested in WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.

Product Details

Purification:	Immunogen affinity purified.

Target Details

Target:	TNFRSF13C
Alternative Name:	TNFRSF13C (TNFRSF13C Products)
Background:	Synonyms: Tumor necrosis factor receptor superfamily member 13C,B-cell-activating factor receptor,BAFF receptor,BAFF-R,BLyS receptor 3,CD268,TNFRSF13C,BAFFR, BR3, Tissue Specificity: Highly expressed in spleen and lymph node, and in resting B-cells. Detected at lower levels in activated B-cells, resting CD4+ T-cells, in thymus and peripheral blood leukocytes. Background: Tumor necrosis factor receptor superfamily member 13C (TNFRSF13C), also known as BAFFR, is a protein in humans is encoded by the TNFRSF13C gene. The BAFFR gene is mapped to chromosome 22q13.1-q13.31. It has got 184 amino acid transmembrane protein which is 56 % identical to the mouse protein. B cell-activating factor (BAFF) enhances B-cell survival in vitro and is a regulator of the peripheral B-cell population. BAFF plays a crucial role in B cell development and can function through receptors other than BCMA. Sequence Similarities: Belongs to the short-chain dehydrogenases/reductases (SDR) family.
Molecular Weight:	40 kDa
Pathways:	NF-kappaB Signaling

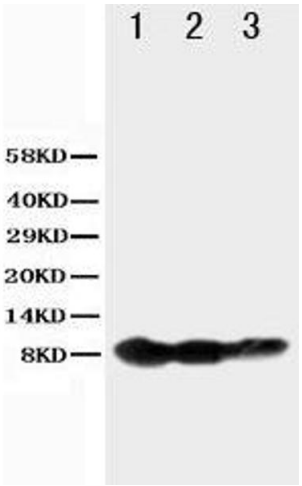
Application Details

Application Notes:	Western blot, 0.1-0.5 µg/mL, Human 1. Thompson JS, Bixler SA, Qian F, Vora K, Scott ML, Cachero TG, Hession C, Schneider P, Sizing ID, Mullen C, Strauch K, Zafari M, Benjamin CD, Tschopp J, Browning JL, Ambrose C (Sep 2001). "BAFF-R, a newly identified TNF receptor that specifically interacts with BAFF". Science 293 (5537): 2108-11. doi:10.1126/science.1061965. PMID 11509692. 2. Entrez Gene: TNFRSF13C tumor necrosis factor receptor superfamily, member 13C". 3. Schiemann, B., Gommerman, J. L., Vora, K., Cachero, T. G., Shulga-Morskaya, S., Dobles, M., Frew, E., Scott, M. L.An essential role for BAFF in the normal development of B cells through a BCMA-independent pathway.Science293: 2111-2114, 2001.
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 Na2HPO4, 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Thimerosal (Merthiolate) and Sodium azide: 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:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Images



Western Blotting

Image 1. Anti-BAFF Receptor antibody, Western blotting Lane 1: Recombinant Human BAFFR Protein 10ng Lane 2: Recombinant Human BAFFR Protein 5ng Lane 3: Recombinant Human BAFFR Protein 2.5ng