

Rabbit anti-Human BAFF/BLyS/TNFSF13B Polyclonal Antibody | anti-TNFSF13B antibody

Anti-BAFF/BLyS/TNFSF13B Antibody, Rabbit Polyclonal

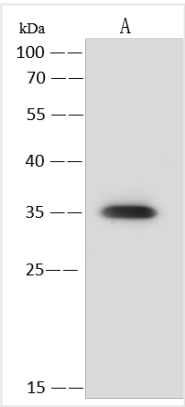
CATALOG # AAA259484	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, ELISA, Western Blot
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PRODUCT SYNONYMS

BAFF/BLyS/TNFSF13B; Polyclonal Antibody; Anti-BAFF/BLyS/TNFSF13B Antibody; Rabbit Polyclonal; BAFF/BLyS/TNFSF13B Antibody; Rabbit PAb; Antigen Affinity Purified; tumor necrosis factor (ligand) superfamily, member 13b; Anti-BAFF Antibody; Anti-BLYS Antibody; Anti-CD257 Antibody; Anti-DTL Antibody; Anti-TALL-1 Antibody; Anti-TALL1 Antibody; Anti-THANK Antibody; Anti-TNFSF20 Antibody; Anti-TNLTG7A Antibody; Anti-UNQ401/PRO738 Antibody; Anti-ZTNF4 Antibody; anti-TNFSF13B antibody

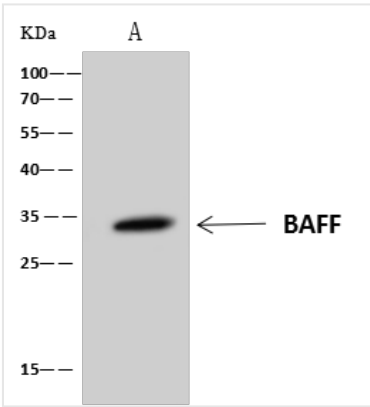
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human BAFF/BLyS/TNFSF13B
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-TNFSF13B antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human BAFF/BLyS/TNFSF13B Protein (Q9Y275-1; Ala134-Leu285). BAFF/BLyS/TNFSF13B specific IgG was purified by Human BAFF/BLyS/TNFSF13B affinity chromatography.
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.



WB (Western Blot)

Anti-BAFF rabbit polyclonal antibody at 1:500 dilutionLane A: HL60 Whole Cell LysateLysates/proteins at 30ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique. Performed under reducing conditions.Predicted band size:34 kDaObserved band size:35 kDa



IF (Immunofluorescence)

BAFF was immunoprecipitated using: Lane A:0.5 mg HL60 Whole Cell Lysate 4 uL anti-BAFF rabbit polyclonal antibody and 60ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-BAFF rabbit polyclonal antibody,at 1:100 dilution Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 31 kDa Observed band size :31 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-TNFSF13B antibody	B lymphocyte stimulator (BLyS), also known as TNFSF13B, CD257 and BAFF, is a single-pass type II membrane protein, which belongs to the tumor necrosis factor family. BAFF is abundantly expressed in peripheral blood Leukocytes and is specifically expressed in monocytes and macrophages. BAFF is a cytokine and serves as a ligand for receptors TNFRSF13B (TACI), TNFRSF17 (BCMA), and TNFRSF13C (BAFFR). These receptors are a prominent factor in B cell differentiation, homeostasis, and selection. BLyS levels affect survival signals and selective apoptosis of autoantibody-producing B cells. Thus, it acts as a potent B cell activator and has been shown to play an important role in the proliferation and differentiation of B cells. Overexpression of BLyS in mice can lead to clinical and serological features of systemic lupus erythematosus (SLE) and Sjögren's syndrome (SS). BLyS is an attractive therapeutic target in human rheumatic diseases. The ability of BLyS to regulate both the size and repertoire of the peripheral B cell compartment raises the possibility that BLyS and antagonists thereof may form the basis of a therapeutic trichotomy. As an agonist, BLyS protein may enhance humoral immunity in congenital or acquired immunodeficiencies such as those resulting from viral infection or cancer therapy.
References	Nardell. B. e. al. (2002). . lymphocyt. stimulat. (BLyS). . therapeuti. trichotom. fo. th. treatmen. o. . lymphocyt. diseases. Leu. Lymphoma. 43(7). 1367-73. Stoh. W. (2006). Therapeuti. targetin. o. . lymphocyt. stimulat. (BLyS. i. th. rheumati. diseases. Endoc. Meta. Immun. Disor. Dru. Targets. 6(4). 51-8. Cancr. MP. e. al. (2009). Th. rol. o. . lymphocyt. stimulat. (BLyS. i. systemi. lupu. erythematosus. . Cli. Invest. 119(5). 1066-73.

NCBI AND UNIPROT INFORMATION

NCBI GI #	224548983
NCBI GeneID	10673
NCBI Accession #	NP_001139117.1
NCBI GenBank Nucleotide #	NM_001145645.2
UniProt Accession #	Q9Y275; Q6FHD6; Q7Z5J2; E0ADT7
Molecular Weight	17,578 Da
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 13B isoform 2
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 13b
NCBI Official Symbol	TNFSF13B

NCBI Official Synonym Symbols	DTL; BAFF; BLYS; CD257; TALL1; THANK; ZTNF4; TALL-1; TNFSF20
NCBI Protein Information	tumor necrosis factor ligand superfamily member 13B; ApoL related ligand TALL-1; B-cell-activating factor; B-lymphocyte stimulator; Delta4 BAFF; TNF and ApoL-related leukocyte expressed ligand 1; TNF homolog that activates apoptosis; delta BAFF; dendritic
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 13B
UniProt Gene Name	TNFSF13B
UniProt Synonym Gene Names	BAFF; BLYS; TALL1; TNFSF20; ZTNF4; BLYS; TALL-1
UniProt Entry Name	TN13B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/baff-blys-tnfsf13b-antibody-immunoprecipitation-western-blot-elisa/259484>