

Datasheet for ABIN7601612
anti-BLVRB antibody (AA 4-180)



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Overview

Quantity:	100 µg
Target:	BLVRB
Binding Specificity:	AA 4-180
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BLVRB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-BLVRB Antibody Picoband®
Immunogen:	E.coli-derived human BLVRB recombinant protein (Position: K4-D180).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-BLVRB Antibody Picoband® (ABIN7601612). Tested in ELISA, IF, ICC, WB, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat. 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.
Purification:	Immunogen affinity purified.

Target Details

Target:	BLVRB
Alternative Name:	BLVRB (BLVRB Products)
Background:	Synonyms: BMP and activin membrane-bound inhibitor homolog, Non-metastatic gene A protein, Putative transmembrane protein, NMA, BAMBI, NMA Tissue Specificity: Expressed in adult liver. Background: Biliverdin reductase B is a protein that in humans is encoded by the BLVRB gene. Enables biliverdin reductase (NAD(P)+) activity and riboflavin reductase (NADPH) activity. Involved in heme catabolic process. Located in cytosol, nucleoplasm, and plasma membrane.
Molecular Weight:	22 kDa
Gene ID:	645
UniProt:	P30043

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Chikuba, K., Yubisui, T., Shirabe, K., Takeshita, M. Cloning and nucleotide sequence of a cDNA of the human erythrocyte NADPH-flavin reductase. Biochem. Biophys. Res. Commun. 198: 1170-1176, 1994. 2. Fisher, R. A., Edwards, Y. H., Putt, W., Potter, J. An interpretation of human diaphorase isozymes in terms of three gene loci DIA-1, 3. Komuro, A., Tobe, T., Hashimoto, K., Nakano, Y., Yamaguchi, T., Nakajima, H., Tomita, M. Molecular cloning and expression of human liver biliverdin-IX-beta reductase. Biol. Pharm. Bull. 19: 796-804, 1994.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C

Handling

Storage Comment: 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 freezing and thawing.