

Rabbit anti-Human, Mouse BLVRB Polyclonal Antibody | anti-BLVRB antibody

BLVRB Antibody

CATALOG # AAA309437	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot, Immunohistochemistry
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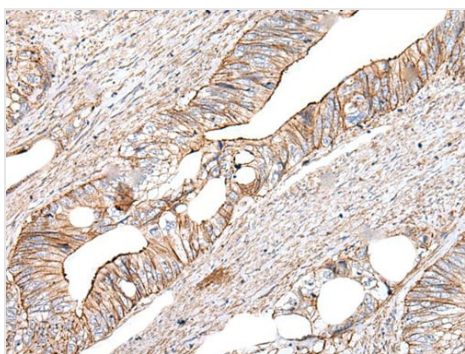
PRODUCT SYNONYMS

BLVRB; Polyclonal Antibody; BLVRB Antibody; FLR; BVRB; SDR43U1; HEL-S-10; anti-BLVRB antibody

PRODUCT SPECIFICATIONS

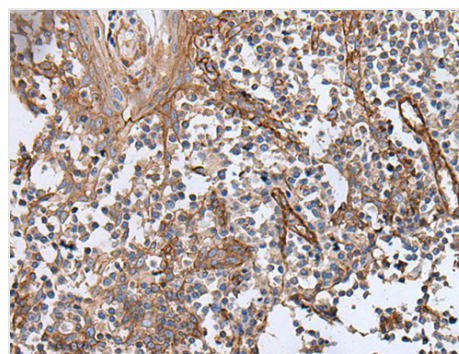
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total BLVRB protein.
Purity/Purification	Antigen affinity purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.6mg/ml (varies by lot)
Sequence Length	206
Applicable Applications for anti-BLVRB antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human BLVRB
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C

IMAGES



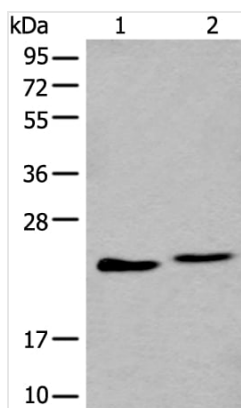
IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using BLVRB Antibody at dilution 1/100, on the right is treated with synthetic peptide. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using BLVRB Antibody at dilution 1/100, on the right is treated with synthetic peptide. (Original magnification: x200)



SDS-PAGE

Gel: 12%SDS-PAGE Lysate: 40 ug, Lane 1-2: A549 and K562 cell lysate, Primary antibody:BLVRB antibody at dilution 1/600, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 40 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-BLVRB antibody	BLVRB (biliverdin reductase B or BVR-B), also known as flavin reductase (FR), NADPH-dependent diaphorase, Biliverdin-IX β -reductase or green heme-binding protein (GHBP) is an enzyme involved in fetal heme metabolism. It is dependent on NADPH and is responsible for catalyzing the transfer of electrons to flavins from reduced pyridine nucleotides. BLVRB exists as a monomer, localizes to the cytoplasm and is highly expressed in fetal liver and adult erythrocytes and, to a lesser extent, in heart, lung, cerebrum and adrenal gland. In liver, BLVRB functions to convert biliverdin (isoforms IX α , IX β and IX γ) to bilirubin. BLVRB contains one binding site for all of its substrates and predominantly interacts with them through hydrophobic interactions. BLVRB also exhibits ferric reductase activity. In addition, it is commonly used as a reliable marker for NOS.
Product Categories/Family for anti-BLVRB antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502419
NCBI GeneID	645
NCBI Accession #	NP_000704.1
NCBI GenBank Nucleotide #	NM_000713.2
UniProt Accession #	P30043; P32078; P53005; Q32LZ2; A6NKD8; B2R5C6
Molecular Weight	22,119 Da
NCBI Official Full Name	flavin reductase (NADPH)
NCBI Official Synonym Full Names	biliverdin reductase B
NCBI Official Symbol	BLVRB
NCBI Official Synonym Symbols	FLR; BVRB; SDR43U1; HEL-S-10
NCBI Protein Information	flavin reductase (NADPH)
UniProt Protein Name	Flavin reductase (NADPH)
UniProt Gene Name	BLVRB
UniProt Synonym Gene Names	FLR; BVR-B; GHBP; FLR
UniProt Entry Name	BLVRB_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/blvrb-antibody-western-blot-immunohistochemistry-elisa/309437>