

BLVRB Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5035**Specification**

BLVRB Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P30043
Other Accession	O923D2 , P52556
Reactivity	Human, Mouse
Predicted	Bovine
Host	Rabbit
Clonality	polyclonal
Calculated MW	22119 Da
Isotype	Rabbit IgG
Antigen Source	HUMAN

BLVRB Antibody (C-term) - Additional Information**Gene ID** 645**Antigen Region**
161-175**Other Names**

Flavin reductase (NADPH), FR, Biliverdin reductase B, BVR-B, Biliverdin-IX beta-reductase, Green heme-binding protein, GHBP, NADPH-dependent diaphorase, NADPH-flavin reductase, FLR, BLVRB, FLR

Dilution

WB~~1:1000

Target/Specificity

This BLVRB antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 161-175 amino acids from the C-terminal region of human BLVRB.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

BLVRB Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

BLVRB Antibody (C-term) - Protein Information

Name BLVRB

Synonyms FLR

Function

Broad specificity oxidoreductase that catalyzes the NADPH- dependent reduction of a variety of flavins, such as riboflavin, FAD or FMN, biliverdins, methemoglobin and PQQ (pyrroloquinoline quinone). Contributes to heme catabolism and metabolizes linear tetrapyrroles. Can also reduce the complexed Fe(3+) iron to Fe(2+) in the presence of FMN and NADPH. In the liver, converts biliverdin to bilirubin.

Cellular Location

Cytoplasm.

Tissue Location

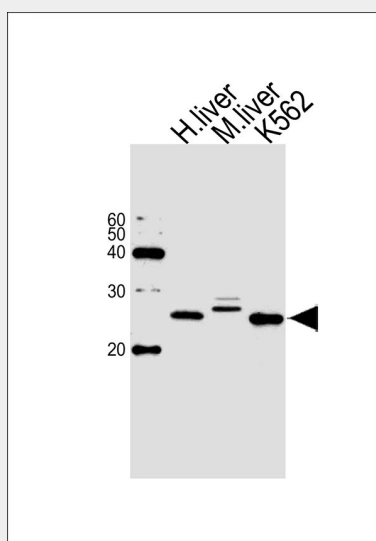
Predominantly expressed in liver and erythrocytes. At lower levels in heart, lung, adrenal gland and cerebrum

BLVRB Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BLVRB Antibody (C-term) - Images



Western blot analysis of lysates from human liver, mouse liver tissue and K562 cell line (from left to right), using BLVRB Antibody (C-term)(Cat. #AW5035). AW5035 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.

BLVRB Antibody (C-term) - Background

Broad specificity oxidoreductase that catalyzes the NADPH-dependent reduction of a variety of flavins, such as riboflavin, FAD or FMN, biliverdins, methemoglobin and PQQ (pyrroloquinoline quinone). Contributes to heme catabolism and metabolizes linear tetrapyrroles. Can also reduce the complexed Fe(3+) iron to Fe(2+) in the presence of FMN and NADPH. In the liver, converts biliverdin to bilirubin.

BLVRB Antibody (C-term) - References

Chikuba K.,et al.Biochem. Biophys. Res. Commun. 198:1170-1176(1994).
Komuro A.,et al.Biol. Pharm. Bull. 19:796-804(1996).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Grimwood J.,et al.Nature 428:529-535(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.