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ARG55770
anti-BLVRB antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes BLVRB
Tested Reactivity	Hu, Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	BLVRB
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 161-175 (C-terminus) of Human BLVRB.
Conjugation	Un-conjugated
Alternate Names	FLR; BVRB; SDR43U1; HEL-S-10; Flavin reductase (NADPH); FR; EC 1.5.1.30; Biliverdin reductase B; BVR-B; EC 1.3.1.24; Biliverdin-IX beta-reductase; Green heme-binding protein; GHBP; NADPH-dependent diaphorase; NADPH-flavin reductase; FLR

Application Instructions

Application table

Application	Dilution
WB	1:1000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	Human liver

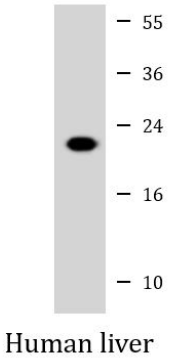
Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) sodium azide.
Preservative	0.09% (W/V) sodium azide.
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 233016 Mouse GeneID: 645 Human Swiss-port # P30043 Human Swiss-port # Q923D2 Mouse
Gene Symbol	BLVRB
Gene Full Name	biliverdin reductase B
Background	The final step in heme metabolism in mammals is catalyzed by the cytosolic biliverdin reductase enzymes A and B (EC 1.3.1.24).[supplied by OMIM, Jul 2009]
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. [UniProt]
Calculated Mw	22 kDa
Cellular Localization	Cytoplasm.

Images



ARG55770 anti-BLVRB antibody WB image

Western blot: 35 µg of Human liver lysate stained with ARG55770 anti-BLVRB antibody at 1:1000 dilution.