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Datasheet for ABIN2786523

anti-BLVRB antibody (Middle Region)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	BLVRB
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Horse, Dog, Guinea Pig, Rabbit, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BLVRB antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human BLVRB
Sequence:	GLKYVAVMPP HIGDQPLTGA YTVTL DGRGP SRVISKHDLG HFMLRCLTTD
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 86%, Human: 100%, Mouse: 100%, Rabbit: 92%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against BLVRB. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	BLVRB
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Target Details

Alternative Name:	BLVRB (BLVRB Products)
Background:	<p>BLVRB catalyzes electron transfer from reduced pyridine nucleotides to flavins as well as methylene blue, pyrroloquinoline quinone, riboflavin, or methemoglobin. BLVRB has possible role in protecting cells from oxidative damage or in regulating iron metabolism. In the liver, BLVRB converts biliverdin to bilirubin.</p> <p>Alias Symbols: BVRB, FLR, MGC117413, SDR43U1</p> <p>Protein Interaction Partner: SUMO1, NEDD8, UBC, RPL31, ORM1, GMDS, HMOX1,</p> <p>Protein Size: 206</p>
Molecular Weight:	22 kDa
Gene ID:	645
NCBI Accession:	NM_000713 , NP_000704
UniProt:	P30043

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 206 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Conti, Riva, Pesca, Iannaccone, Cannistraci, Corbo, Previtali, Quattrini, Alessio: "Increased expression of Myosin binding protein H in the skeletal muscle of amyotrophic lateral sclerosis patients." in: **Biochimica et biophysica acta**, Vol. 1842, Issue 1, pp. 99-106, (2013) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-BLVRB Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Human Liver