

Datasheet for ABIN2782167

anti-Lamin B Receptor antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Lamin B Receptor (LBR)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Zebrafish (Danio rerio), Dog, Horse, Pig, Rabbit, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Lamin B Receptor antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human LBR
Sequence:	GANSQKNAFR KNPSDPKLAH LKTIHTSTGK NLLVSGWWGF VRHPNYLGDL
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 93%, Rat: 100%, Yeast: 77%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against LBR. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Lamin B Receptor (LBR)
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Target Details

Alternative Name:	LBR (LBR Products)
Background:	The protein encoded by this gene belongs to the ERG4/ERG24 family. It localized in the nuclear envelope inner membrane and anchors the lamina and the heterochromatin to the membrane. It may mediate interaction between chromatin and lamin B. Mutations of this gene has been associated with autosomal recessive HEM/Greenberg skeletal dysplasia. Alternative splicing occurs at this locus and two transcript variants encoding the same protein have been identified. Alias Symbols: DHCR14B, LMN2R, MGC9041, PHA Protein Interaction Partner: UBC, EED, CLK3, HIPK4, LMNA, HNRNPR, EIF4A3, ILF2, HNRNPU, DHX15, DHX9, KCND3, PPP1CC, PPP1CB, PPP1CA, TCF3, ARRB2, SUMO2, HIST2H4A, HIST1H3A, tat, CBX5, SRPK1, FNBP4, AKAP8L, YWHAG, CBX3, LBR, PRM1, LMNB1, MECP2, Protein Size: 615
Molecular Weight:	71 kDa
Gene ID:	3930
NCBI Accession:	NM_002296 , NP_002287
UniProt:	Q14739

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 615 AA
Restrictions:	For Research Use only

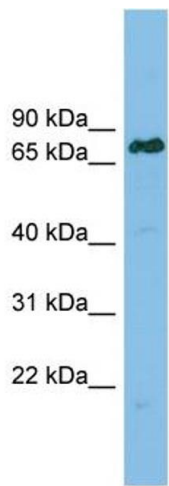
Handling

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.

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-LBR Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: RPMI 8226 cell lysate LBR is supported by BioGPS gene expression data to be expressed in RPMI 8226