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Datasheet for ABIN709400

anti-Lamin B Receptor antibody (AA 1-100) (HRP)

Overview

Quantity:	100 µL
Target:	Lamin B Receptor (LBR)
Binding Specificity:	AA 1-100
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Lamin B Receptor antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Lamin B Receptor
Isotype:	IgG
Specificity:	The immunogen for this product has partial sequence similarity to SEPT8 and SEPT2
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Cow,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Lamin B Receptor (LBR)
Alternative Name:	Lamin B Receptor (LBR Products)

Target Details

Background: Synonyms: PHA, LMN2R, TDRD18, DHCR14B, Lamin-B receptor, Integral nuclear envelope inner membrane protein, LBR

Background: Lamins are nuclear membrane proteins that serve to maintain specific cellular functions, such as DNA replication and chromatin organization. Lamin B receptor (LBR) is an integral protein of the nuclear envelope inner membrane. It is phosphorylated by CDC2 protein kinase in mitosis when the inner nuclear membrane breaks down into vesicles that dissociate from the lamina and the chromatin. It is phosphorylated by different protein kinases in interphase when the membrane is associated with these structures. The cleavage of lamins results in nuclear disregulation and cell death.

Gene ID: 3930

UniProt: [Q14739](#)

Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months