

Basic Information

Product Name	Anti-LBR Antibody (Clone#EDO-12)	
Gene Name	LBR	
Source	Rabbit	
Clonality	Monoclonal	
Isotype	IgG	
Species Reactivity	human, rat	
Tested Application	WB, IHC, ICC/IF, IP	
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.	
Immunogen	A synthesized peptide derived from human Lamin B Receptor	
Concentration	500 ug/ml	
Purification	Affinity-chromatography	
Observed MW	71 kDa	
Dilution Ratios	Western blot (WB):	1:500-2000
	Immunohistochemistry (IHC):	1:50-200
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:50-200
	ImmunoPrecipitation (IP):	1:30

Storage

12 months from date of receipt, -20°C as supplied.

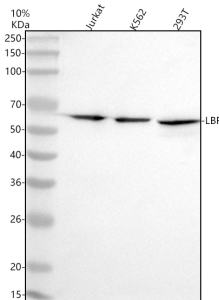
Background Information

Lamin-B receptor is a protein, and in humans, it is encoded by the LBR gene. It is mapped to 1q42.12. 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.

Reference

Anti-LBR Antibody (Clone#EDO-12)被引用在1文献中。

Selected Validation Data



Western blot analysis of anti-LBR antibody (BM4404). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human Jurkat whole cell lysates,

Lane 2: human K562 whole cell lysates,

Lane 3: human 293T whole cell lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-LBR antigen affinity purified monoclonal antibody (BM4404) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for LBR at approximately 58 kDa. The expected band size for LBR is at 71 kDa.