



LEPRE1, Leucine proline-enriched proteoglycan 1 polyclonal antibody

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Box 1 | Basic Info

Cat. No.	ABP-PAB-10721
Animal ID	RB2055/2056
Host	Rabbit
Reactivity	Human
Format	Purified
Accession number	NM_022356
Amount	100 µg

Alternative Name(s):

GROS1, leucine proline-enriched proteoglycan 1, leprecan 1, growth suppressor 1

Leucine proline-enriched proteoglycan 1 (LEPRE1) is a tumor suppressor protein encoded by a gene on human chromosome 1p31, a region frequently altered in many malignancies. LEPRE1 is a 85 kDa protein with unknown biological function.

Buffers

Purified rabbit polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS.

Immunogen

KLH conjugated synthetic peptide comprised of amino acids 783 - 798 [PAGKEMSLGPLRNLP] of the human leucine proline-enriched proteoglycan 1 (LEPRE1) protein.

Application

Tested by peptide-specific ELISA (1:1,000).

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage, store at -20°C. Avoid repeated freeze-thaw cycles.

References:

1. Kaul SC, Sugihara T, Yoshida A, Nomura H, Wadhwa R: Gros1, a potential growth suppressor on chromosome 1: its identity to basement membrane-associated proteoglycan, leprecan. *Oncogene* 19(32): 3576-3583 (2000).