
KINDLIN3 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253944

Unit: 0.1 mg

Description:

The three KINDLINS are a novel family of focal adhesion proteins, localizing to integrin adhesion sites. The KINDLIN proteins are composed of a centrally located FERM domain interrupted by a pleckstrin homology (PH) domain. KINDLIN1 and KINDLIN2 have been shown to play an essential role in integrin-mediated adhesion and spreading. In contrast to the widely expressed KINDLIN1 and KINDLIN2, KINDLIN3 is restricted to hematopoietic cells and is particularly abundant in megakaryocytes and platelets. Several reports describe a transcriptional misregulation of KINDLINS in various types of cancer. A recent study demonstrates that KINDLIN3 is essential for platelet integrin activation and subsequent integrin outside-in signaling, suggesting it may serve as a potential target for the design of therapeutics aimed at specifically disrupting integrin activation in platelets and leukocytes.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: KINDLIN3; Fermitin family homolog 3; FERMT; Unc-112-related protein 2; MIG2-like protein; KIND3; MIG2B; URP2

Accession No.: NP_848537

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human KINDLIN3.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.