

Product datasheet for **TA306643**

URP2 (FERMT3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1 - 2 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	KINDLIN3 antibody was raised against a 19 amino acid peptide near the carboxy terminus of the human KINDLIN3.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	fermitin family member 3
Database Link:	NP_848537 Entrez Gene 83706 Human Q86UX7



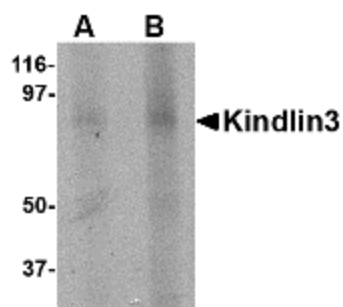
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Background:

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.

Synonyms:

KIND3; MIG-2; MIG2B; UNC112C; URP2; URP2SF

Product images:

Western blot analysis of KINDLIN3 in rat spleen lysate with KINDLIN3 antibody at (A) 1 and (B) 2 ug/ml.