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URP2 / kindlin-3 Antibody (C-Term)

Peptide-affinity purified goat antibody
Catalog # AF2992a

Specification

URP2 / kindlin-3 Antibody (C-Term) - Product Information

Application	**WB**
Primary Accession	Q86UX7
Other Accession	NP_113659.3, NP_848537.1, 83706, 108101 (mouse), 309186 (rat)
Reactivity	**Human**
Predicted	**Mouse, Rat, Dog**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**75953**

URP2 / kindlin-3 Antibody (C-Term) - Additional Information

Gene ID 83706

Other Names
Fermitin family homolog 3, Kindlin-3, MIG2-like protein, Unc-112-related protein 2, FERMT3, KIND3, MIG2B, URP2

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
URP2 / kindlin-3 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

URP2 / kindlin-3 Antibody (C-Term) - Protein Information

Name FERMT3

Synonyms KIND3, MIG2B, URP2

Function
Plays a central role in cell adhesion in hematopoietic cells (PubMed:19234463, PubMed:26359933). Acts by

activating the integrin beta-1-3 (ITGB1, ITGB2 and ITGB3) (By similarity). Required for integrin-mediated platelet adhesion and leukocyte adhesion to endothelial cells (PubMed:19234460). Required for activation of integrin beta-2 (ITGB2) in polymorphonuclear granulocytes (PMNs) (By similarity).

Cellular Location
Cell projection, podosome. Note=Present in the F-actin surrounding ring structure of podosomes, which are specialized adhesion structures of hematopoietic cells

Tissue Location
Highly expressed in lymph node. Expressed in thymus, spleen and leukocytes. Weakly expressed in placenta, small intestine, stomach, testis and lung. Overexpressed in B-cell malignancies.

URP2 / kindlin-3 Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

URP2 / kindlin-3 Antibody (C-Term) - Images



AF2992a (1 µg/ml) staining of Human Peripheral Blood Mononucleocytes lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

URP2 / kindlin-3 Antibody (C-Term) - Background

This antibody is expected to recognize both isoforms (NP_113659.3, NP_848537.1).

URP2 / kindlin-3 Antibody (C-Term) - References

Leukocyte adhesion deficiency-III is caused by mutations in KINDLIN3 affecting integrin activation. Svensson L, Howarth K, McDowall A, Patzak I, Evans R, Ussar S, Moser M, Metin A, Fried M, Tomlinson I, Hogg N. Nature medicine 2009 Mar 15 (3): 306-12. PMID: 19234463