



URP2 Polyclonal Antibody

Catalog No	YP-Ab-07674
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	FERMT3 KIND3 MIG2B URP2
Immunogen	Synthesized peptide derived from part region of human protein AA range: 52-102
Specificity	URP2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FERMT3;KIND3;Kindlin-3;MIG 2;MIG2 like protein;URP2;FERMT3 KIND3 MIG2B URP2;Fermitin family homolog 3 (Kindlin-3) (MIG2-like protein) (Unc-112-related protein 2)
Observed Band	72-76 kDa
Calculated Molecular Weight	76 kDa
Cell Pathway	Cell projection, podosome . Present in the F-actin surrounding ring structure of podosomes, which are specialized adhesion structures of hematopoietic cells. .
Tissue Specificity	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.
Function	domain:The FERM domain is not correctly detected by PROSITE or Pfam techniques because it contains the insertion of a PH domain.,function:Probably involved in cell adhesion.,similarity:Belongs to the kindlin family.,similarity:Contains 1 FERM domain.,similarity:Contains 1 PH domain.,subcellular location:Membrane-associated in chronic lymphocytic leukemia (CLL) cells.,tissue specificity: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.,

Background

Kindlins are a small family of proteins that mediate protein-protein interactions involved in integrin activation and thereby have a role in cell adhesion, migration, differentiation, and proliferation. The protein encoded by this gene has a key role in the regulation of hemostasis and thrombosis. This protein may also help maintain the membrane skeleton of erythrocytes. Mutations in this gene cause the autosomal recessive leukocyte adhesion deficiency syndrome-III (LAD-III). Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jan 2010],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images