

Rabbit URP2 Polyclonal Antibody | anti-FERMT3 antibody

URP2 Antibody

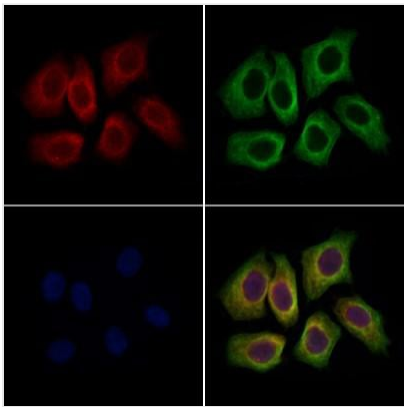
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329094	Rabbit	Human, Mouse Predicted Reactivity: Pig(88%), Bovine(88%), Horse(88%), Sheep(88%), Dog(88%)	ELISA

PRODUCT SYNONYMS

URP2; Polyclonal Antibody; URP2 Antibody; Fermitin family homolog 3; Fermitin family member 3; FERMT3; Kind3; Kindlin 3; Kindlin-3; Kindlin3; MGC10966; MIG 2; MIG2 like protein; MIG2-like protein; MIG2B; Unc 112 related protein 2; Unc-112-related protein 2; UNC112C; URP2_HUMAN; URP2SF; anti-FERMT3 antibody

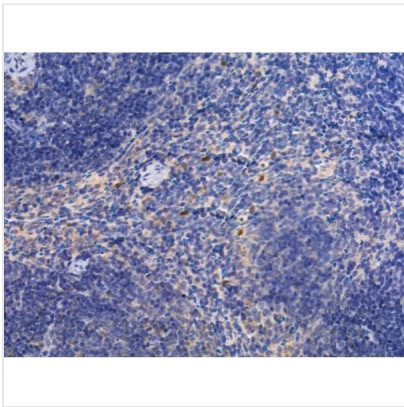
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted Reactivity: Pig(88%), Bovine(88%), Horse(88%), Sheep(88%), Dog(88%)
Clonality	Polyclonal
Isotype	IgG
Specificity	URP2 Antibody detects endogenous levels of total URP2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	667
Applicable Applications for anti-FERMT3 antibody	ELISA
Immunogen	A synthesized peptide derived from human URP2, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



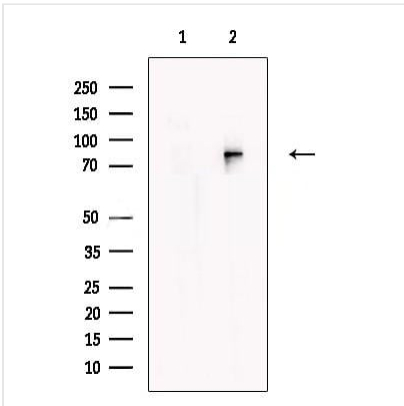
IF (Immunofluorescence)

AAA329094 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA329094 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



IHC (Immunohistochemistry)

AAA329094 at 1/100 staining Mouse spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from Human lung, using URP2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-FERMT3 antibody

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). Isoform 2 may act as a repressor of NF-kappa-B and apoptosis.

Subcellular Location: Cell projection>Podosome. Note: 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.

Subunit Structure: Interacts with ITGB1, ITGB2 and ITGB3 (via cytoplasmic tails).

Similarity: The FERM domain is not correctly detected by PROSITE or Pfam techniques because it contains the insertion of a PH domain. Belongs to the kindlin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	41281905
NCBI GeneID	83706
NCBI Accession #	NP_848537
NCBI GenBank Nucleotide #	NP_848537.1
UniProt Accession #	Q86UX7
Molecular Weight	Observed Molecular Weight: (Observed)75kD. Predicted Molecular Weight: (Calculated)76kDa.
NCBI Official Full Name	fermitin family homolog 3 long isoform
NCBI Official Synonym Full Names	fermitin family member 3
NCBI Official Symbol	FERMT3
NCBI Official Synonym Symbols	URP2; KIND3; MIG-2; MIG2B; URP2SF; UNC112C
NCBI Protein Information	fermitin family homolog 3
UniProt Protein Name	Fermitin family homolog 3
UniProt Gene Name	FERMT3
UniProt Synonym Gene Names	KIND3; MIG2B; URP2
UniProt Entry Name	URP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/urp2-antibody-elisa/329094>