

Rabbit Kindlin 2 Polyclonal Antibody | anti-FERMT2 antibody

Kindlin 2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322905	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

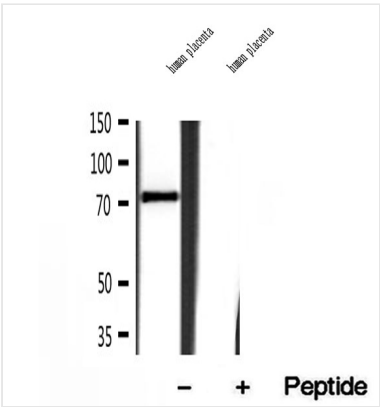
PRODUCT SYNONYMS

Kindlin 2; Polyclonal Antibody; Kindlin 2 Antibody; FLJ34213; FLJ44462; UNC112; FERM2_HUMAN; Fermitin family homolog 2; Fermt2; KIND2; Kindlin-2; MIG-2; MIG2; Mitogen-inducible gene 2 protein; PH domain-containing family C member 1; Pleckstrin homology domain containing family C (with FERM domain) member 1; Pleckstrin homology domain-containing family C member 1; PLEKHC1; UNC112B; anti-FERMT2 antibody

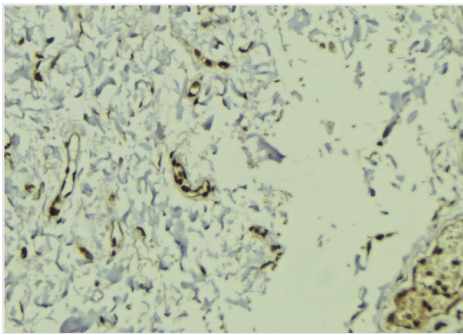
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Kindlin 2 antibody detects endogenous levels of Kindlin 2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	687
Applicable Applications for anti-FERMT2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Kindlin 2.
Subcellular Location	Cytoplasm > Cell Cortex. Cytoplasm > Cytoskeleton. Cell Junction > Focal Adhesion. Within actin stress fibers at cell-ECM focal adhesion sites.
Tissue Specificity	Ubiquitous. Found in numerous tumor tissues.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (92%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of human placenta tissue, using Kindlin 2 antibody.



IHC (Immunohistochemistry)
AAA322905 at 1/100 staining Human breast cancer 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 antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-FERMT2 antibody	Function: Scaffolding protein that enhances integrin activation mediated by TLN1 and/or TLN2, but activates integrins only weakly by itself. Binds to membranes enriched in phosphoinositides. Enhances integrin-mediated cell adhesion onto the extracellular matrix and cell spreading; this requires both its ability to interact with integrins and with phospholipid membranes. Required for the assembly of focal adhesions. Participates in the connection between extracellular matrix adhesion sites and the actin cytoskeleton and also in the orchestration of actin assembly and cell shape modulation. Recruits FBLIM1 to focal adhesions. Plays a role in the TGFB1 and integrin signaling pathways. Stabilizes active CTNNB1 and plays a role in the regulation of transcription mediated by CTNNB1 and TCF7L2/TCF4 and in Wnt signaling. Subunit Structure: Interacts with ILK (By similarity). Interacts with FBLIM1. Interacts with ITGB1 and ITGB3. Interacts with active, unphosphorylated CTNNB1. Identified in a complex with CTNNB1 and TCF7L2/TCF4. Interacts with ITGB1; the interaction is inhibited in presence of ITGB1BP1. Similarity: The FERM domain is not correctly detected by PROSITE or Pfam techniques because it contains the insertion of a PH domain. The PH domain binds phospholipids. Binds preferentially phosphatidylinositol-3, 4, 5-trisphosphate, and has lower affinity for phosphatidylinositol-4, 5-bisphosphate (PubMed:22030399). The N-terminal region displays a ubiquitin-type fold and mediates interaction with membranes containing negatively charged phosphatidylinositol phosphate via a surface enriched in positively charged residues. Belongs to the kindlin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	201861813
NCBI GeneID	10979
NCBI Accession #	NP_001128471.1
NCBI GenBank Nucleotide #	NM_001134999.1
UniProt Accession #	Q96AC1; Q14840; Q86TY7; B5TJY2
Molecular Weight	Observed: 78 kDa Predicted: 78 kDa
NCBI Official Full Name	fermitin family homolog 2 isoform 2
NCBI Official Synonym Full Names	fermitin family member 2
NCBI Official Symbol	FERMT2
NCBI Official Synonym Symbols	MIG2; KIND2; mig-2; UNC112; PLEKHC1; UNC112B
NCBI Protein Information	fermitin family homolog 2
UniProt Protein Name	Fermitin family homolog 2

UniProt Gene Name	FERMT2
UniProt Synonym Gene Names	KIND2; MIG2; PLEKHC1; MIG-2; PH domain-containing family C member 1

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/kindlin-2-antibody-immunohistochemistry-western-blot-elisa/322905>