Rabbit anti-Human, Mouse Kindlin-2 Polyclonal Antibody | anti-FERMT2 antibody

Rabbit anti-Kindlin-2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212783	**Rabbit**	**Human, Mouse**	**Immunoprecipitation, Western Blot**

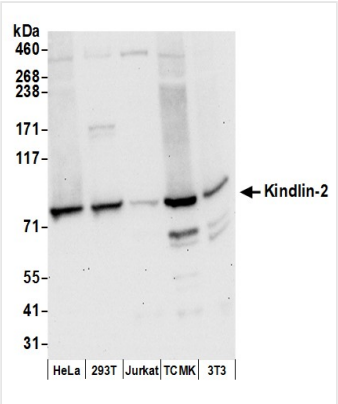
PRODUCT SYNONYMS

Kindlin-2; Polyclonal Antibody; Rabbit anti-Kindlin-2 Antibody; Affinity Purified; mitogen inducible gene 2 protein; UNC112; PLEKHC1; Pleckstrin homology domain-containing family C member 1; pleckstrin homology domain containing; family C member 1; family C (with FERM domain) member 1; UNC112B; mig-2; MIG2; kindlin 2; KIND2; fermitin family homolog 2; PH domain-containing family C member 1; Mitogen-inducible gene 2 protein; Fermitin family homolog 2; fermitin family member 2; anti-FERMT2 antibody

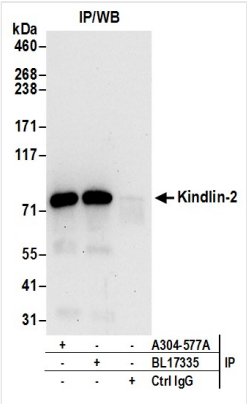
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-FERMT2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 175 and 225
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)
Detection of human and mouse Kindlin-2 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Kindlin-2 antibody AAA212783 (lot AAA212783-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)
Detection of human Kindlin-2 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Kindlin-2 antibody AAA212783 (lot AAA212783-1) used for IP at 6 ug per reaction. Kindlin-2 was also immunoprecipitated by rabbit anti-Kindlin-2 antibody BL17335. For blotting immunoprecipitated Kindlin-2, AAA212783 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-FERMT2 antibody	Kindlin-2 is a scaffolding protein that enhances integrin activation mediated by TLN1 and/or TLN2, but activates integrins only weakly by itself. It binds to membranes enriched in phosphoinositides. It also 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. Kindlin-2 is required for the assembly of focal adhesions and 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. Kindlin-2 recruits FBLIM1 to focal adhesions. It plays a role in the TGFB1 and integrin signaling pathways, and it stabilizes active CTNNB1 and plays a role in the regulation of transcription mediated by CTNNB1 and TCF7L2/TCF4 and in Wnt signaling [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q96AC1].
Product Categories/Family for anti-FERMT2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	10979
UniProt Accession #	Q96AC1
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/kindlin-2-antibody-immunoprecipitation-western-blot-elisa/212783