

ARG44325 anti-Kindlin1 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Kindlin1
Tested Reactivity	Hu, Ms, Rat, Bov, Dog, NHuPrm, Xenopus
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Kindlin1
Species	Human
Immunogen	Synthetic peptide
Conjugation	Un-conjugated
Alternate Names	FERMT1; FERM Domain Containing Kindlin 1; KIND1; URP1; UNC112A; Fermitin Family Homolog 1; Unc-112-Related Protein 1; Fermitin Family Member 1; Kindlin Syndrome Protein; Kindlin-1; Kindlerin; FLJ20116; C20orf42; Fermitin Family Homolog 1 (Drosophila); Chromosome 20 Open Reading Frame 42; UNC112 Related Protein 1; Kinderlin; Kindlin 1; C20ORF42; DTGCU2

Application Instructions

Application table	Application	Dilution
	WB	1:500-1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Antigen Affinity Purified
Buffer	PBS with 0.02% Sodium azide
Preservative	0.02% Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	FERMT1
Gene Full Name	FERM Domain Containing Kindlin 1
Background	This gene encodes a member of the fermitin family, and contains a FERM domain and a pleckstrin homology domain. The encoded protein is involved in integrin signaling and linkage of the actin cytoskeleton to the extracellular matrix. Mutations in this gene have been linked to Kindler syndrome.
Function	Involved in cell adhesion. Contributes to integrin activation. When coexpressed with talin, potentiates activation of ITGA2B. Required for normal keratinocyte proliferation. Required for normal polarization of basal keratinocytes in skin, and for normal cell shape. Required for normal adhesion of keratinocytes to fibronectin and laminin, and for normal keratinocyte migration to wound sites. May mediate TGF-beta 1 signaling in tumor progression.
Calculated Mw	77 kDa
PTM	Phosphoprotein
Cellular Localization	Cell junction, Cell membrane, Cell projection, Cytoplasm, Cytoskeleton, Membrane