
Product Name: KD-Validated Radixin Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00920**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:2,000-1:10,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 68.6kDa

Antigen Information

Gene Name	RDX
Alternative Names	RDX; Radixin; DFN24; Deafness, Autosomal Recessive 24
Gene ID	5962.0
SwissProt ID	P35241
Immunogen	A synthesized peptide derived from human Radixin

Background

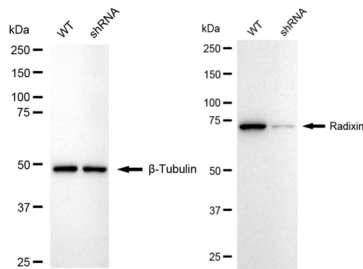
Radixin is a cytoskeletal protein that may be important in linking actin to the plasma membrane. It is highly similar in sequence to both ezrin and moesin. The radixin gene has been localized by fluorescence in situ hybridization to 11q23. A truncated version representing a pseudogene (RDXP2) was assigned to Xp21.3. Another pseudogene that seemed to lack introns (RDXP1) was mapped to 11p by Southern and PCR analyses. Multiple alternatively spliced transcript variants encoding different isoforms

have been found for this gene. [provided by RefSeq, May 2012]

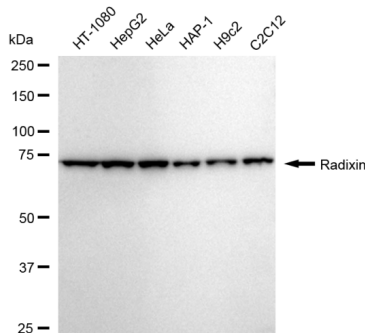
Research Area

Signal Transduction

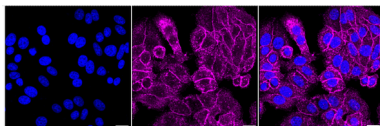
Image Data



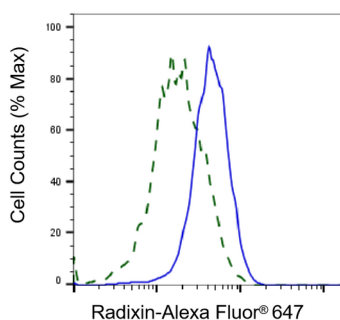
Western blotting analysis using Radixin antibody (KVA00920). Radixin expression in wild type (WT) and Radixin shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with Radixin antibody (KVA00920, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



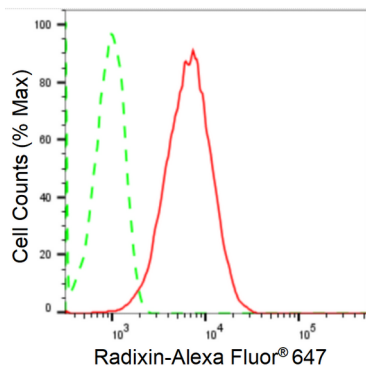
Western blotting analysis using Radixin antibody (KVA00920). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with Radixin antibody (KVA00920, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with Radixin antibody (KVA00920, 1:1,000). Nuclei were stained blue with DAPI; Radixin was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.



Validation of Radixin knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with Radixin antibody (KVA00920, 1:2,000) and analyzed using BD flow cytometer.



Flow cytometric analysis of Radixin expression in HepG2 cells using Radixin antibody (KVA00920, 1:2,000). Green, isotype control; red, Radixin.