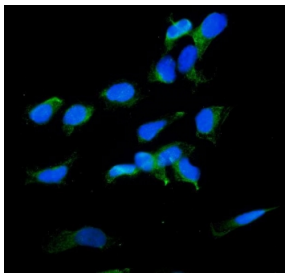
Radixin Antibody (RQ5597)

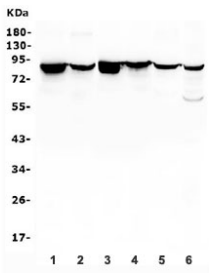
Catalog No.	Formulation	Size
RQ5597	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

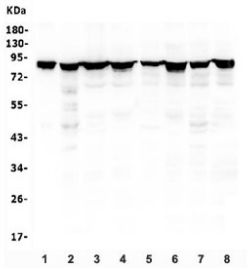
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P35241
Applications	Western blot: 0.25-0.5ug/ml Immunofluorescence: 2-4ug/ml Flow cytometry: 1-3ug/million cells
Limitations	This Radixin antibody is available for research use only.



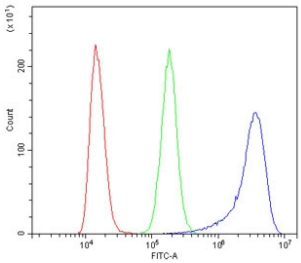
IF/ICC staining of FFPE human HeLa cells with Radixin antibody (green) at 2ug/ml and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) rat liver, 2) rat brain, 3) mouse lung, 4) mouse liver, 5) mouse brain and 6) mouse Neuro-2a lysate with Radixin antibody. Predicted molecular weight: ~69 kDa, routinely observed at ~82 kDa.



Western blot testing of human 1) placenta, 2) Caco-2, 3) U-2 OS, 4) K562, 5) A431, 6) PC-3, 7) HepG2 and 8) HeLa lysate with Radixin antibody. Predicted molecular weight: ~69 kDa, routinely observed at ~82 kDa.



Flow cytometry testing of human K562 cells with Radixin antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Radixin antibody.

Description

Radixin is a protein that in humans is encoded by the RDX gene. 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.

Application Notes

Optimal dilution of the Radixin antibody should be determined by the researcher.

Immunogen

Amino acids AKQAADQMKNQEQLAAELAEFTAKIALLEEAKK were used as the immunogen for the Radixin antibody.

Storage

After reconstitution, the Radixin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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