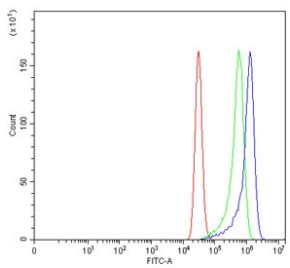
RAB23 Antibody (RQ7353)

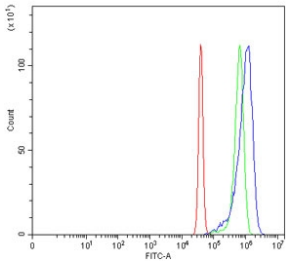
Catalog No.	Formulation	Size
RQ7353	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

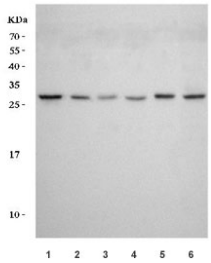
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9ULC3
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This RAB23 antibody is available for research use only.



Flow cytometry testing of human MCF7 cells with RAB23 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RAB23 antibody.



Flow cytometry testing of human SiHa cells with RAB23 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RAB23 antibody.



Western blot testing of 1) human 293T, 2) human MCF7, 3) human Jurkat, 4) human HepG2, 5) rat brain and 6) mouse brain tissue lysate with RAB23 antibody. Predicted molecular weight: ~27 kDa.

Description

Ras-related protein Rab-23 is a protein that in humans is encoded by the RAB23 gene. This gene encodes a small GTPase of the Ras superfamily. Rab proteins are involved in the regulation of diverse cellular functions associated with intracellular membrane trafficking, including autophagy and immune response to bacterial infection. The encoded protein may play a role in central nervous system development by antagonizing sonic hedgehog signaling. Disruption of this gene has been implicated in Carpenter syndrome as well as cancer. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the RAB23 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids K22-K168) was used as the immunogen for the RAB23 antibody.

Storage

After reconstitution, the RAB23 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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