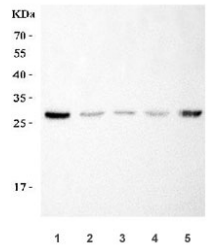
SNAI1 Antibody / SNAIL (RQ7205)

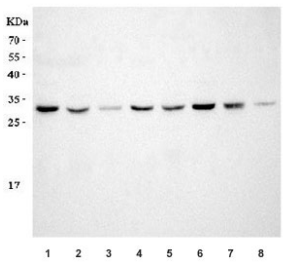
Catalog No.	Formulation	Size
RQ7205	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

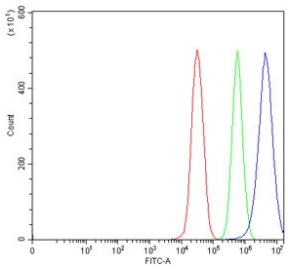
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O95863
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This SNAI1 antibody is available for research use only.



Western blot testing of 1) rat RH35, 2) mouse liver, 3) mouse lung, 4) mouse heart and 5) mouse HEPA1-6 cell lysate with SNAI1 antibody. Predicted molecular weight ~29 kDa.



Western blot testing of human 1) A431, 2) HepG2, 3) A549, 4) PC-3, 5) K562, 6) A431, 7) SW620 and 8) Raji cell lysate with SNAI1 antibody. Predicted molecular weight ~29 kDa.



Flow cytometry testing of human 293T cells with SNAI1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= SNAI1 antibody.

Description

The Drosophila embryonic protein SNAI1, commonly known as Snail, is a zinc finger transcriptional repressor which downregulates the expression of ectodermal genes within the mesoderm. And it is located in 16q24.3. The nuclear protein encoded by this gene is structurally similar to the Drosophila snail protein, and is also thought to be critical for mesoderm formation in the developing embryo. At least two variants of a similar processed pseudogene have been found on chromosome 2. It is studied that SNAIL gene may show a role in recurrence of breast cancer by downregulating E-cadherin and inducing anepithelial to mesenchymal transition.

Application Notes

Optimal dilution of the SNAI1 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids M1-K170) was used as the immunogen for the SNAI1 antibody.

Storage

After reconstitution, the SNAI1 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