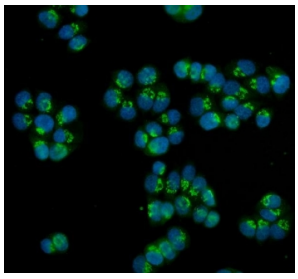
HOXC13 Antibody (RQ6184)

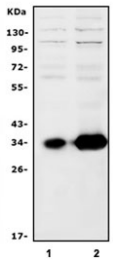
Catalog No.	Formulation	Size
RQ6184	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

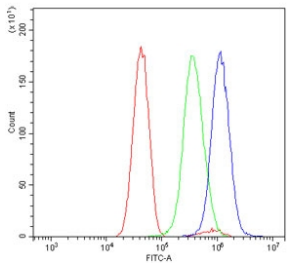
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.0125% sodium azide
UniProt	P31276
Localization	Nuclear
Applications	Western blot: 1-2ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This HOXC13 antibody is available for research use only.



Immunofluorescent staining of FFPE human T-47D cells with HOXC13 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) HeLa and 2) HEK293 cell lysate with HOXC13 antibody. Predicted molecular weight ~35 kDa.



Flow cytometry testing of human U-251 cells with HOXC13 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= HOXC13 antibody.

Description

Homeobox protein Hox-C13 is a protein that in humans is encoded by the HOXC13 gene. This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. The product of this gene may play a role in the development of hair, nail, and filiform papilla.

Application Notes

Optimal dilution of the HOXC13 antibody should be determined by the researcher.

Immunogen

A human recombinant partial protein (amino acids L7-E155) was used as the immunogen for the HOXC13 antibody.

Storage

After reconstitution, the HOXC13 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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