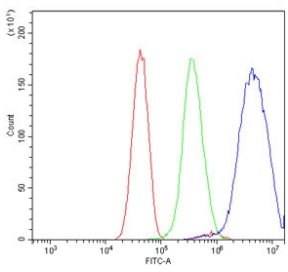
HOXC8 Antibody (RQ6182)

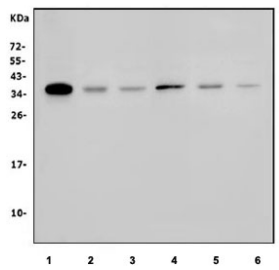
Catalog No.	Formulation	Size
RQ6182	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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 0.0125% sodium azide
UniProt	P31273
Applications	Western blot: 1-2ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This HOXC8 antibody is available for research use only.



Flow cytometry testing of human U-251 cells with HOXC8 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= HOXC8 antibody.



Western blot testing of 1) human COLO-320, 2) human U-2 OS, 3) human A549, 4) rat brain, 5) mouse brain and 6) mouse ovary lysate with HOXC8 antibody. Expected molecular weight: 27-35 kDa.

Description

Homeobox protein Hox-C8 is a protein that in humans is encoded by the HOXC8 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 regulation of cartilage differentiation. It could also be involved in chondrodysplasias or other cartilage disorders.

Application Notes

Optimal dilution of the HOXC8 antibody should be determined by the researcher.

Immunogen

A human recombinant partial protein (amino acids E17-S133) was used as the immunogen for the HOXC8 antibody.

Storage

After reconstitution, the HOXC8 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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