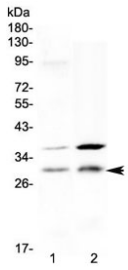
HOXA5 Antibody (RQ4134)

Catalog No.	Formulation	Size
RQ4134	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	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P20719
Applications	Western Blot : 0.5-1ug/ml
Limitations	This HOXA5 antibody is available for research use only.



Western blot testing of human 1) placenta and 2) HeLa cell lysate with HOXA5 antibody at 0.5ug/ml. Predicted molecular weight ~29 kDa.

Description

Homeobox protein Hox-A5 is a protein that in humans is encoded the HOXA5 gene. In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. Methylation of this gene may result in the loss of its expression and, since the encoded protein upregulates the tumor suppressor p53, this protein may play an important role in tumorigenesis.

Application Notes

Optimal dilution of the HOXA5 antibody should be determined by the researcher.

Immunogen

Amino acids AQPQIYPWMRKLHISHDNIGGPEGKRARTAYTRYQTLELEK from the human protein were used as the immunogen for the HOXA5 antibody.

Storage

After reconstitution, the HOXA5 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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