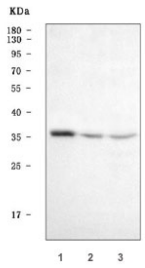
Homeobox A4 Antibody / HOXA4 (RQ7386)

Catalog No.	Formulation	Size
RQ7386	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
UniProt	Q00056
Applications	Western blot: 0.5-1ug/ml
Limitations	This Homeobox A4 antibody is available for research use only.



Western blot testing of human 1) SW620, 2) 293T and 3) HepG2 cell lysate with Homeobox A4 antibody. Predicted molecular weight ~35 kDa.

Description

HOXA4 (HOMEOBOX A4), also known as HOX1D or HOMOLOG OF, is a protein that in humans is encoded by the HOXA4 gene, which is also part of the A cluster on chromosome 7. HOXA4 encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. Its cytogenetic location is 7q15.2. 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.

Application Notes

Optimal dilution of the Homeobox A4 antibody should be determined by the researcher.

Immunogen

Amino acids REPTASYYAPRTAREPAY were used as the immunogen for the Homeobox A4 antibody.

Storage

After reconstitution, the Homeobox A4 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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