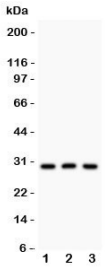
HOXA9 Antibody (R31629)

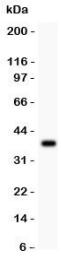
Catalog No.	Formulation	Size
R31629	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	3205
Applications	Western blot: 0.5-1ug/ml
Limitations	This HOXA9 antibody is available for research use only.



Western blot testing of HOXA9 antibody and Lane 1: rat testis; 2: human HEPG2; 3: mouse HEPA lysate. Expected/observed molecular weight: ~30kDa.



Western blot testing of HOXA9 antibody and recombinant human protein (0.5ng)

Description

Homeobox protein A9 is a protein that in humans is encoded by the HOXA9 gene. It is mapped to 7p15.2. 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. HOXA9 is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. As HOXA9 is part of the homeobox family, involved in setting the body plans of animals, it is likely that it would display increased expression in cells with higher differentiation potentials.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the HOXA9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 1-204) was used as the immunogen for this HOXA9 antibody.

Storage

After reconstitution, the HOXA9 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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