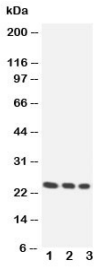
HOXA6 Antibody (R30685)

Catalog No.	Formulation	Size
R30685	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	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P31267
Applications	Western blot: 0.5-1ug/ml
Limitations	This HOXA6 antibody is available for research use only.



Western blot testing of HOXA6 antibody and Lane 1. SW620, 2. HeLa, 3. HT1080

Description

Homeobox A6 is a protein that in humans is encoded by the HOXA6 gene, which is also part of the A cluster on chromosome 7. The gene 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

The stated application concentrations are suggested starting amounts. Titration of the HOXA6 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the middle region of human HOXA6 (KQRGPGDYLHFSPEQQYKPD) was used as the immunogen for this HOXA6 antibody (100% homologous in human, mouse and rat).

Storage

After reconstitution, the HOXA6 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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