



Hox-A7 Monoclonal Antibody

Catalog No	YP-mAb-15763
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	HOXA7
Immunogen	The antiserum was produced against synthesized peptide derived from human HOXA7. AA range:91-140
Specificity	Hox-A7 Monoclonal Antibody detects endogenous levels of Hox-A7 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	HOX1A;HOX1.1;HOX1;Homeobox protein Hox-A7;Homeobox protein Hox-1A; Hox-A7;HOXA7;Homeobox protein Hox 1.1
Observed Band	25kD
Calculated Molecular Weight	25kD
Cell Pathway	Nucleus.
Tissue Specificity	Placenta,
Function	function:Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.,similarity:Belongs to the Antp homeobox family., similarity:Contains 1 homeobox DNA-binding domain.,
Background	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. For example, the



encoded protein represses the transcription of differentiation-specific genes during keratinocyte proliferation, but this repression is then overcome by differentiation signals. This gene is highly similar to the antennapedia (Antp) gene of Drosophila. [provided by RefSeq, Jul 2008],

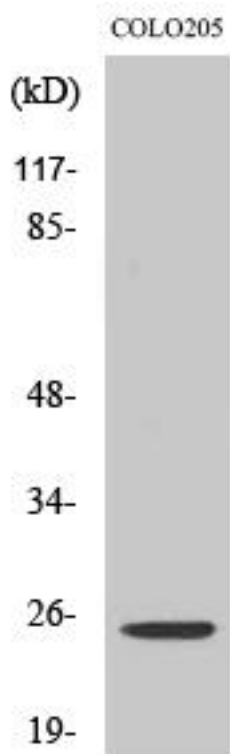
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Hox-A7 Monoclonal Antibody