

Hox-A7 Polyclonal Antibody

Catalog No :	YT2213
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	Hox-A7
Gene Name :	HOXA7
Protein Name :	Homeobox protein Hox-A7
Human Gene Id :	3204
Human Swiss Prot No :	P31268
Mouse Gene Id :	15404
Mouse Swiss Prot No :	P02830
Rat Swiss Prot No :	P09634
Immunogen :	The antiserum was produced against synthesized peptide derived from human HOXA7. AA range:91-140
Specificity :	Hox-A7 Polyclonal Antibody detects endogenous levels of Hox-A7 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 25kD

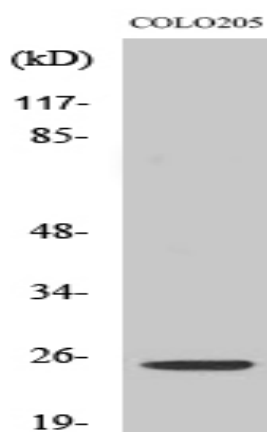
Background : In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A 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],

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.,

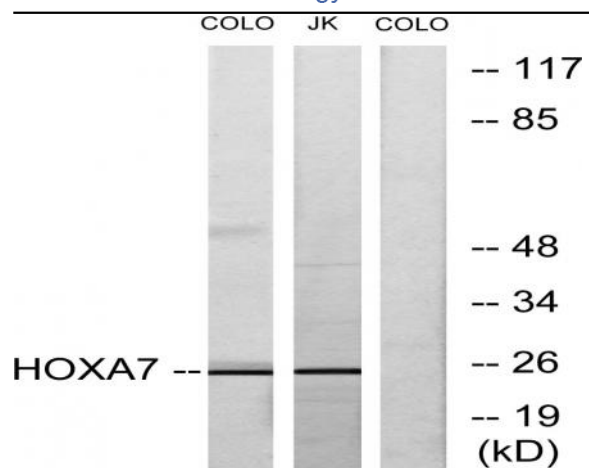
Subcellular Location : Nucleus.

Expression : Placenta,

Products Images



Western Blot analysis of various cells using Hox-A7 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Western blot analysis of lysates from COLO205 and Jurkat cells, using HOXA7 Antibody. The lane on the right is blocked with the synthesized peptide.