

Product Name: Hox-A7 Rabbit Polyclonal Antibody
Catalog #: APRab12169



Summary

| | |
|------------------------|-----------------------------------|
| Production Name | Hox-A7 Rabbit Polyclonal Antibody |
| Description | Rabbit Polyclonal Antibody |
| Host | Rabbit |
| Application | WB,ELISA |
| Reactivity | Human,Mouse,Rat |

Performance

| | |
|---------------------|--|
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Polyclonal |
| Form | Liquid |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N. |
| Purification | Affinity purification |

Immunogen

| | |
|--------------------------|---|
| Gene Name | HOXA7 |
| Alternative Names | HOXA7; HOX1A; Homeobox protein Hox-A7; Homeobox protein Hox 1.1; Homeobox protein Hox-1A |
| Gene ID | 3204.0 |
| SwissProt ID | P31268.The antiserum was produced against synthesized peptide derived from human HOXA7. AA range:91-140 |

Application

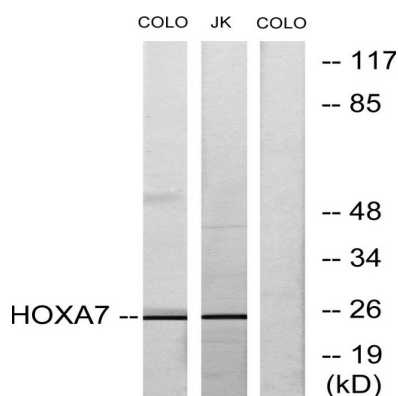
| | |
|-------------------------|------------------------------------|
| Dilution Ratio | WB 1:500 - 1:2000. ELISA: 1:40000. |
| Molecular Weight | 25kD |

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: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.,

Research Area

Image Data



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



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

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Note

For research use only.