

Datasheet for ABIN930984

anti-HOXA7 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	HOXA7
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HOXA7 antibody is un-conjugated
Application:	Dot Blot (DB)

Product Details

Immunogen:	HOXA7 antibody was raised in mouse using recombinant Human Homeobox Transcription Factor Hoxa7 (Hoxa7)
Clone:	743C1a
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	HOXA7
Alternative Name:	HOXA7 (HOXA7 Products)

Target Details

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*. Synonyms: Monoclonal HOXA7 antibody, Anti-HOXA7 antibody, Homeobox protein Hox A7 antibody.

Application Details

Application Notes: Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: HOXA7 antibody in PBS (3.0 mM KCl, 1.5 mM KH₂ PO₄, 140 mM NaCl, 8.0 mM Na₂ HPO₄ (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN₃).

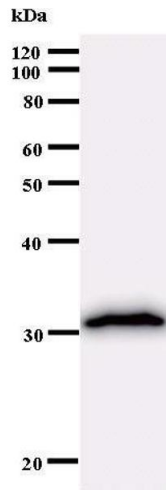
Preservative: Sodium azide

Precaution of Use: This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



Western Blotting

Image 1.