

HOXA7 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP22280c

Specification

HOXA7 Antibody (Center) - Product Information

Application WB, FC,E
Primary Accession P31268
Reactivity Human
Host Rabbit
Clonality polyclonal
Isotype Rabbit IgG
Calculated MW 25355

HOXA7 Antibody (Center) - Additional Information

Gene ID 3204

Other Names

Homeobox protein Hox-A7, Homeobox protein Hox 1.1, Homeobox protein Hox-1A, HOXA7, HOX1A

Target/Specificity

This HOXA7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 82-114 amino acids from the Central region of human HOXA7.

Dilution

WB~~1:2000

FC~~1:25

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

HOXA7 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

HOXA7 Antibody (Center) - Protein Information

Name HOXA7

Synonyms HOX1A





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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.

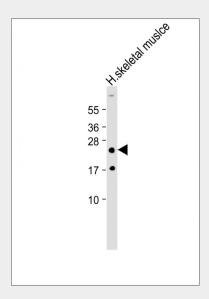
Cellular Location Nucleus.

HOXA7 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

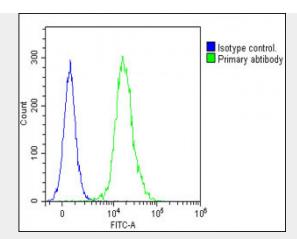
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

HOXA7 Antibody (Center) - Images



Anti-HOXA7 Antibody (Center) at 1:2000 dilution + Human skeletal muslce lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 25 kDa Blocking/Dilution buffer: 5% NFDM/TBST.





Overlay histogram showing Jurkat cells stained with AP22280c(green line). The cells were fixed with 2% paraformaldehyde and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37° C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at Room temperature. Isotype control antibody (blue line) was rabbit IgG1 (1µg/1x10^6 cells) used under the same conditions. Acquisition of >10,000 events was performed.

HOXA7 Antibody (Center) - Background

Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.

HOXA7 Antibody (Center) - References

La Celle P.T., et al.J. Biol. Chem. 276:32844-32853(2001).

McIlhatton M.A., et al.Biochim. Biophys. Acta 1442:329-333(1998).

Kim M.H., et al.Mol. Biotechnol. 14:19-24(2000).

Albrechtsen R., et al.Submitted (FEB-1995) to the EMBL/GenBank/DDBJ databases.

Scherer S.W., et al.Science 300:767-772(2003).