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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

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

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.

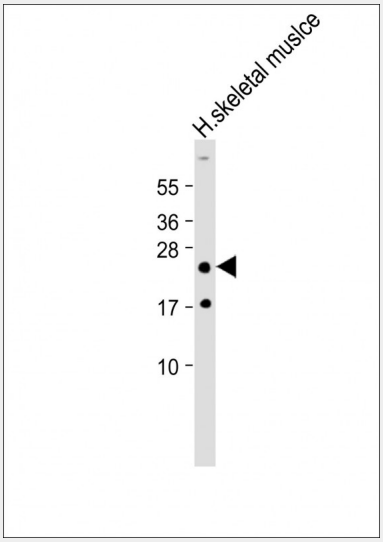
Cellular Location
Nucleus.

HOXA7 Antibody (Center) - Protocols

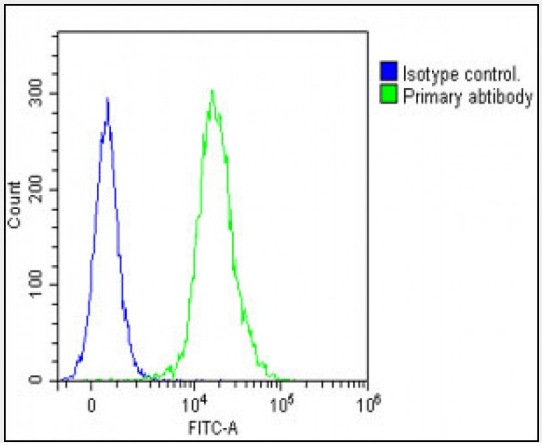
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- 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.



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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 37ºC. 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).