

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

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

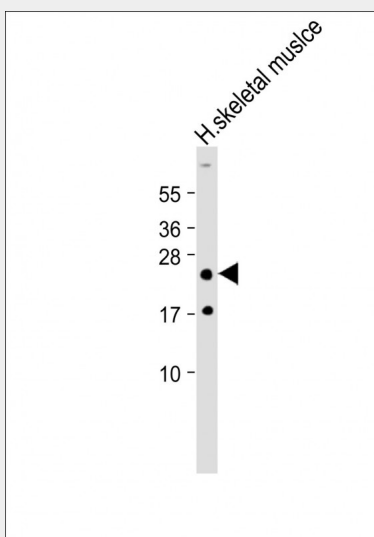
Nucleus.

HOXA7 Antibody (Center) - Protocols

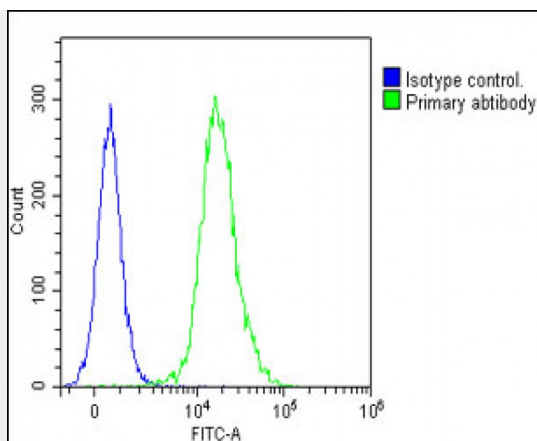
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HOXA7 Antibody (Center) - Images



Anti-HOXA7 Antibody (Center) at 1:2000 dilution + Human skeletal muscle 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 incubated 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/1x10⁶ 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).