10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

HOXA7 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22280c

Product Information

Application	WB, FC, E
Primary Accession	P31268
Reactivity	Human
Predicted	Bovine, Canine, Rabbit
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB56769
Calculated MW	25355

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.

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.

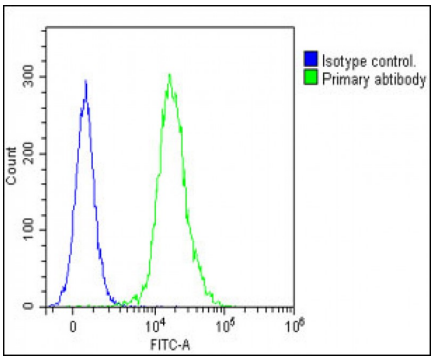
Background

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

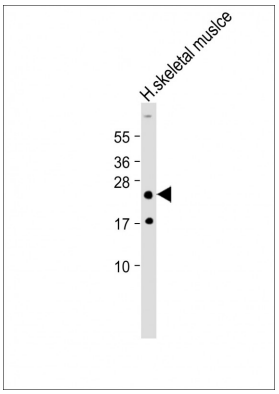
References

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).

Images



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.



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.