

HOXA7 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22280c

Product Information

Application	WB, FC, E
Primary Accession	P31268
Reactivity	Human
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.

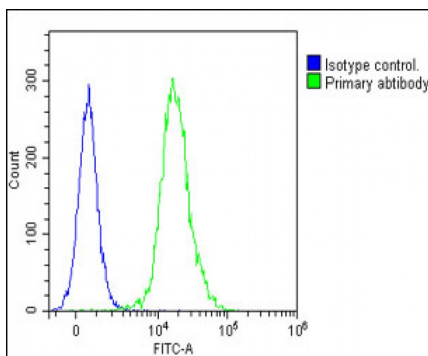
Background

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

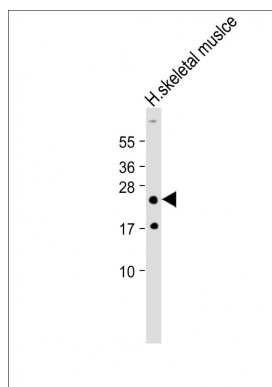
References

- 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 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 (1 µg/1x10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.



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.

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