

ARG42172 anti-HOXC8 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes HOXC8
Tested Reactivity	Hu, Ms
Predict Reactivity	Dog
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	HOXC8
Species	Human
Immunogen	Synthetic peptide around the internal region of Human HOXC8. (C-SLYGAQQEAS) (NP_073149.1)
Conjugation	Un-conjugated
Alternate Names	HOX3; HOX3A; Homeobox protein Hox-C8; Homeobox protein Hox-3A

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human peripheral blood lymphocytes and Mouse spinal cord	
Observed Size	30 - 33 kDa	

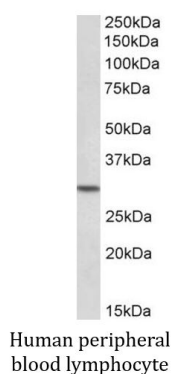
Properties

Form	Liquid
Purification	Affinity purified
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

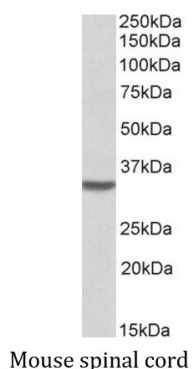
Gene Symbol	HOXC8
Gene Full Name	homeobox C8
Background	This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. The product of this gene may play a role in the regulation of cartilage differentiation. It could also be involved in chondrodysplasias or other cartilage disorders. [provided by RefSeq, Jul 2008]
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. [UniProt]
Calculated Mw	28 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG42172 anti-HOXC8 antibody WB image

Western blot: 35 µg of Human peripheral blood lymphocyte lysate (in RIPA buffer) stained with ARG42172 anti-HOXC8 antibody at 0.1 µg/ml dilution and incubated at RT for 1 hour.



ARG42172 anti-HOXC8 antibody WB image

Western blot: 35 µg of Mouse spinal cord lysate (in RIPA buffer) stained with ARG42172 anti-HOXC8 antibody at 0.1 µg/ml dilution and incubated at RT for 1 hour.