

ARG42184 anti-HOXC6 (Isoform 1) antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes HOXC6 (Isoform 1)
Tested Reactivity	Hu, Ms, Rat, Pig
Predict Reactivity	Cow, Dog
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	HOXC6 (Isoform 1)
Species	Human
Immunogen	Synthetic peptide around the internal region of Human HOXC6 (Isoform 1). (C-PNVALNSTAYDPVRH) (NP_004494.1)
Conjugation	Un-conjugated
Alternate Names	HOX3; Homeobox protein CP25; Homeobox protein HHO.C8; HOX3C; HHO.C8; Homeobox protein Hox-3C; Homeobox protein Hox-C6; CP25

Application Instructions

Application table	Application	Dilution
	WB	0.03 - 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 olfactory bulb, Mouse brain, Rat brain and Pig brain.	
Observed Size	~ 26 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

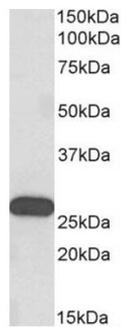
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	HOXC6
Gene Full Name	homeobox C6
Background	This gene belongs to the homeobox family, members of which 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, HOXC6, is one of several HOXC genes located in a cluster on chromosome 12. Three genes, HOXC5, HOXC4 and HOXC6, share a 5' non-coding exon. Transcripts may include the shared exon spliced to the gene-specific exons, or they may include only the gene-specific exons. Alternatively spliced transcript variants encoding different isoforms have been identified for HOXC6. Transcript variant two includes the shared exon, and transcript variant one includes only gene-specific exons. [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	27 kDa
Cellular Localization	Nucleus. [UniProt]

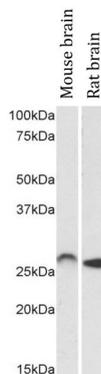
Images



Human olfactory bulb

ARG42184 anti-HOXC6 (Isoform 1) antibody WB image

Western blot: 35 µg of Human olfactory bulb lysate (in RIPA buffer) stained with ARG42184 anti-HOXC6 (Isoform 1) antibody at 0.3 µg/ml dilution and incubated at RT for 1 hour.



ARG42184 anti-HOXC6 (Isoform 1) antibody WB image

Western blot: 35 µg of Mouse brain and Rat brain lysates (in RIPA buffer) stained with ARG42184 anti-HOXC6 (Isoform 1) antibody at 0.01 µg/ml dilution and incubated at RT for 1 hour.

ARG42184 anti-HOXC6 (Isoform 1) antibody WB image

Western blot: 35 µg of Pig brain lysates (in RIPA buffer) stained with ARG42184 anti-HOXC6 (Isoform 1) antibody at 0.03 µg/ml dilution and incubated at RT for 1 hour.

