

**ARG65629**  
anti-HOXA5 antibodyPackage: 100 µg, 50 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes HOXA5.
Tested Reactivity	Hu, Ms, Rat, Pig
Predict Reactivity	Cow
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Target Name	HOXA5
Species	Human
Immunogen	Synthetic peptide around aa. 83-92 of Human HOXA5 (C-EPRYSQPATS).
Conjugation	Un-conjugated
Alternate Names	HOX1.3; HOX1; Homeobox protein Hox-1C; HOX1C; Homeobox protein Hox-A5

### Application Instructions

Application table	Application	Dilution
	WB	1 - 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.

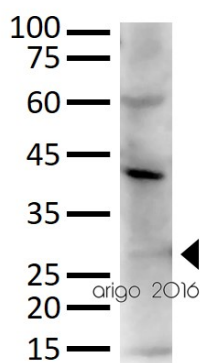
### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
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

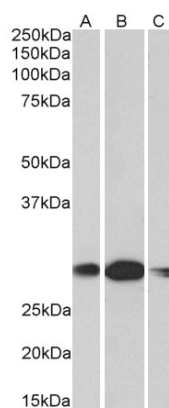
Database links	<a href="#">GeneID: 15402 Mouse</a> <a href="#">GeneID: 3202 Human</a> <a href="#">Swiss-port # P09021 Mouse</a> <a href="#">Swiss-port # P20719 Human</a>
Gene Symbol	HOXA5
Gene Full Name	homeobox A5
Background	In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. Methylation of this gene may result in the loss of its expression and, since the encoded protein upregulates the tumor suppressor p53, this protein may play an important role in tumorigenesis. [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. Also binds to its own promoter. Binds specifically to the motif 5'-CYNATTA[TG]Y-3'. [UniProt]
Research Area	Cancer antibody; Gene Regulation antibody
Calculated Mw	29 kDa

## Images



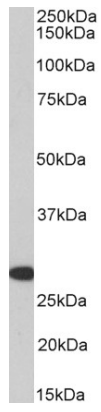
ARG65629 anti-HOXA5 antibody WB image

Western blot: 30 µg of 293T cell lysate stained with ARG65629 anti-HOXA5 antibody at 3 µg/ml dilution.



ARG65629 anti-HOXA5 antibody WB image

Western Blot: loading of (A) Human, (B) Mouse, and (C) Rat Kidney lysates (35 µg protein in RIPA buffer) stained with ARG65629 anti-HOXA5 antibody at 1 µg/ml dilution.



### ARG65629 anti-HOXA5 antibody WB image

Western Blot: Pig Kidney lysate (35  $\mu$ g protein in RIPA buffer) stained with ARG65629 anti-HOXA5 antibody at 1  $\mu$ g/ml dilution.