

# Mouse Hoxa2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17254c

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P31245</a>
<b>Other Accession</b>	<a href="#">P31246</a> , <a href="#">NP_034581.1</a>
<b>Reactivity</b>	Mouse
<b>Predicted</b>	Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB37113
<b>Calculated MW</b>	40793
<b>Antigen Region</b>	190-217

## Additional Information

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<b>Gene ID</b>	15399
<b>Other Names</b>	Homeobox protein Hox-A2, Homeobox protein Hox-111, Hox111, Hoxa2, Hox-111, Hoxa-2
<b>Target/Specificity</b>	This Mouse Hoxa2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 190-217 amino acids from the Central region of mouse Hoxa2.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	Mouse Hoxa2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	Hoxa2
<b>Synonyms</b>	Hox-1.11, Hoxa-2

<b>Function</b>	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.
<b>Cellular Location</b>	Nucleus.

## Background

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

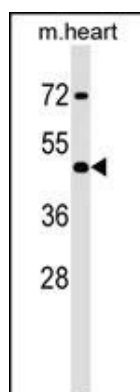
## References

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Aggarwal, V.S., et al. Dev. Biol. 344(2):669-681(2010)  
Liu, Z.R., et al. Brain Res. Bull. 82 (1-2), 74-82 (2010) :  
Tavella, S., et al. Differentiation 79(3):194-202(2010)  
Yallowitz, A.R., et al. Dev. Biol. 335(1):156-165(2009)  
Voss, A.K., et al. Dev. Cell 17(5):674-686(2009)

## Images

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Mouse Hoxa2 Antibody (Center) (Cat. #AP17254c)  
western blot analysis in mouse heart tissue lysates  
(35ug/lane). This demonstrates the Hoxa2 antibody  
detected the Hoxa2 protein (arrow).

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