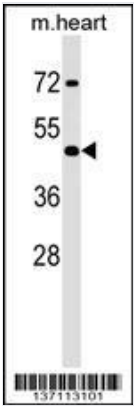
HOXA2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Hoxa2, Polyclonal Antibody
Full Product Name	Hoxa2, ID (Hoxa2, Hox-1.11, Hoxa-2, Homeobox protein Hox-A2, Homeobox protein Hox-1.11) (FITC)
Product Gene Name	anti-Hoxa2 antibody
Product Synonym Names	Hoxa2; Hox-1.11; Hoxa-2; Homeobox protein Hox-A2; Homeobox protein Hox-1.11
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	40,793 Da
3D Structure	ModBase 3D Structure for P31245
Immunogen	Mouse Hoxa2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 189-217 amino acids from the Central region of Mouse Hoxa2.
Conjugate	FITC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-Hoxa2 antibody	Antibodies; Transcription Factors; Zinc; Ring; Homeobox
Applications Tested/Suitable for anti-Hoxa2 antibody	Western Blot (WB), FLISA
Application Notes for anti-Hoxa2 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-Hoxa2 antibody	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.
Product References and Citations for anti-Hoxa2 antibody	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).
Other Notes	Small volumes of anti-Hoxa2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for Hoxa2 purchase	MBS6307696 is an antibody targeting Hoxa2. Also known as Hoxa2, ID (Hoxa2, Hox-1.11, Hoxa-2, Homeobox protein Hox-A2, Homeobox protein Hox-1.11) (FITC). Reactive in Mouse. Host: Rabbit.



Western Blot (WB) of anti-Hoxa2 antibody
Mouse Hoxa2 Antibody (Center) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the Hoxa2 antibody detected the Hoxa2 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Hoxa2. It may not necessarily be applicable to this product.

NCBI GI #	6754230
NCBI GeneID	15399
NCBI Accession #	NP_034581.1
UniProt Primary Accession #	P31245
UniProt Secondary Accession #	Q149U3; Q920T8
UniProt Related Accession #	P31245
GenBank Nucleotide #	NM_010451.2
NCBI Official Full Name	homeobox protein Hox-A2
NCBI Official Synonym Full Names	homeobox A2
NCBI Official Symbol	Hoxa2
NCBI Official Synonym Symbols	HOX1.11; AI324701; Hox-1.11
UniProt Protein Name	Homeobox protein Hox-A2
UniProt Synonym Protein Names	Homeobox protein Hox-1.11; Hox1.11
Protein Family	Homeobox protein
UniProt Gene Name	Hoxa2
UniProt Synonym Gene Names	Hox-1.11; Hoxa-2; Hox1.11
UniProt Entry Name	HXA2_MOUSE
NCBI Protein Information	homeobox protein Hox-A2; homeo box A2; homeobox protein Hox-1.11
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