

Rabbit Hoxa1 Polyclonal Antibody | anti-Hoxa1 antibody

Mouse Hoxa1 Antibody (Center)

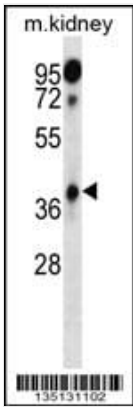
CATALOG # AAA288024	HOST Rabbit	REACTIVITY Human, mouse (Predicted Reactivity: Rat)	APPLICATIONS ELISA, Western Blot
-------------------------------	-----------------------	---	--

PRODUCT SYNONYMS

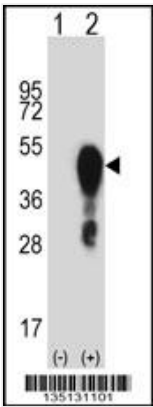
Hoxa1; Polyclonal Antibody; Mouse Hoxa1 Antibody (Center); Homeobox protein Hox-A1; Early retinoic acid 1; Homeobox protein Hox-16; Homeoboxless protein ERA-1-399; Homeotic protein ERA-1-993; Era-1; Hox-16; Hoxa-1; anti-Hoxa1 antibody

PRODUCT SPECIFICATIONS

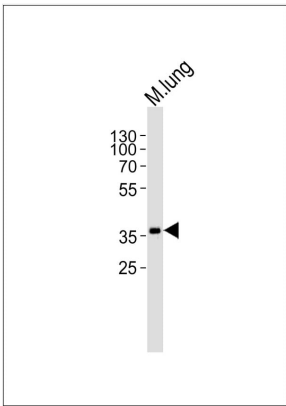
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Hoxa1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 191-219 amino acids from the Central region of mouse Hoxa1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	191-219
Sequence Length	331
Applicable Applications for anti-Hoxa1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Mouse Hoxa1 Antibody (Center) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the Hoxa1 antibody detected the Hoxa1 protein (arrow).



WB (Western Blot)
Western blot analysis of Hoxa1 (arrow) using rabbit polyclonal Mouse Hoxa1 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the Hoxa1 gene.



WB (Western Blot)
Western blot analysis of lysate from mouse lung tissue lysate, using Mouse Hoxa1 Antibody (Center). AAA288024 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

ADDITIONAL INFORMATION

Related Product Information for anti-Hoxa1 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. Acts on the anterior body structures. Seems to act in the maintenance and/or generation of hindbrain segments. The homeobox domain presumably directs sequence-specific DNA binding. The N-terminal portion of ERA-1-993 may be involved in interactions with one or more other regulatory proteins. Such an interaction could regulate either the DNA-binding activity or the transcriptional regulatory activity of ERA-1-993. The homeoboxless ERA-1-399 protein could act as a competitive inhibitor of the ERA-1-993 protein by competing for interaction with regulatory protein(s) while being unable to bind to DNA.
Product Categories/Family for anti-Hoxa1 antibody	Crown Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	123353
UniProt Accession #	P09022; P15463
Molecular Weight	36037
NCBI Official Full Name	Homeobox protein Hox-A1
UniProt Protein Name	Homeobox protein Hox-A1

UniProt Gene Name	Hoxa1
UniProt Synonym Gene Names	Era-1; Hox-1.6; Hoxa-1
UniProt Entry Name	HXA1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/hoxa1-antibody-western-blot-elisa/288024>