

Rabbit HOXA1 Polyclonal Antibody | anti-HOXA1 antibody

HOXA1 Antibody

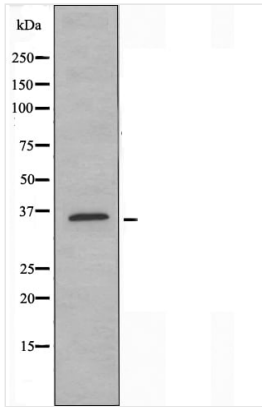
CATALOG # AAA323890	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunocytochemistry, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

HOXA1; Polyclonal Antibody; HOXA1 Antibody; BSAS; Homeo box A1; Homeobox 1F; Homeobox A1; Homeobox protein Hox A1; Homeobox protein Hox-1F; Homeobox protein Hox-A1; Hox 1.6 like protein; Hox 1F; HOX A1; HOX A1 homeodomain protein; HOX1; HOX1F; hoxa1; hoxb1b; HXA1_HUMAN; Lab like protein; MGC45232; anti-HOXA1 antibody

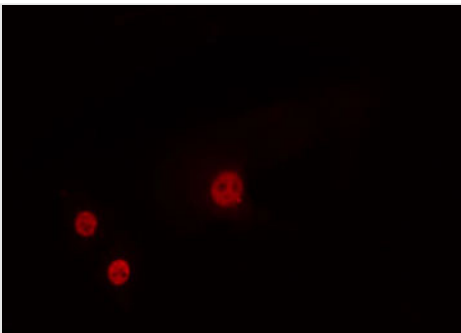
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	HOXA1 antibody detects endogenous levels of total HOXA1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	335
Applicable Applications for anti-HOXA1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit
Similarity	Pig (89%), Bovine (89%), Horse (89%), Sheep (89%), Rabbit (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)

Western blot analysis of extracts from COLO cells using HOXA1 antibody.



IF (Immunofluorescence)

AAA323890 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HOXA1 antibody	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. Acts on the anterior body structures. Seems to act in the maintenance and/or generation of hindbrain segments. Similarity: Belongs to the Antp homeobox family. Labial subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031761
NCBI GeneID	3198
NCBI Accession #	NP_005513.1
NCBI GenBank Nucleotide #	NM_005522.4
UniProt Accession #	P49639; O43363; A4D184; B2R8U7
Molecular Weight	Observed: 37 kD Predicted: 37 kDa
NCBI Official Full Name	homeobox protein Hox-A1 isoform a
NCBI Official Synonym Full Names	homeobox A1
NCBI Official Symbol	HOXA1
NCBI Official Synonym Symbols	BSAS; HOX1; HOX1F
NCBI Protein Information	homeobox protein Hox-A1
UniProt Protein Name	Homeobox protein Hox-A1
UniProt Gene Name	HOXA1
UniProt Synonym Gene Names	HOX1F

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.