

Rabbit HOXA5 Polyclonal Antibody | anti-HOXA5 antibody

HOXA5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324789	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

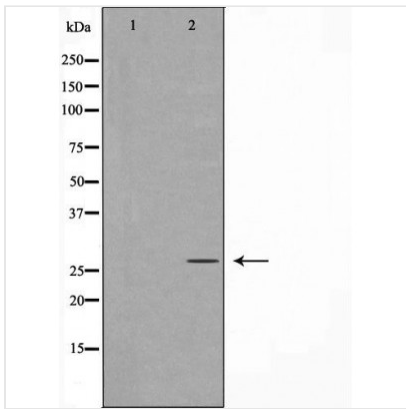
PRODUCT SYNONYMS

HOXA5; Polyclonal Antibody; HOXA5 Antibody; Homeo box 1C; Homeo box A5; Homeobox A5; Homeobox protein Hox-1C; Homeobox protein Hox-A5; Homeobox protein HOXA5; HOX 1; HOX 1.3; HOX 1C; HOX1; HOX1.3; HOX1C; HXA5_HUMAN; MGC9376; OTTHUMP00000217259; anti-HOXA5 antibody

PRODUCT SPECIFICATIONS

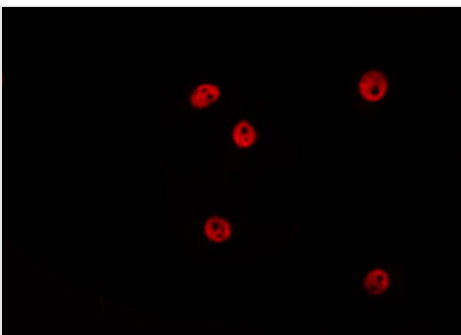
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	HOXA5 antibody detects endogenous levels of total HOXA5
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	270
Applicable Applications for anti-HOXA5 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Tissue Specificity	Expressed during embryogenesis and in adult kidney.
Predicted Cross Reactivity	Pig, Bovine, Horse, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Rabbit (90%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using HXA5 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA324789 staining HepG2 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) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HOXA5 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. Also binds to its own promoter. Binds specifically to the motif 5'-CYYNATTA[TG]Y-3'. Similarity: Belongs to the Antp homeobox family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24497517
NCBI GeneID	3202
NCBI Accession #	NP_061975.2
NCBI GenBank Nucleotide #	NM_019102.3
UniProt Accession #	P20719; O43367; Q96CY6; A4D179
Molecular Weight	Predicted: 30 kDa
NCBI Official Full Name	homeobox protein Hox-A5
NCBI Official Synonym Full Names	homeobox A5
NCBI Official Symbol	HOXA5
NCBI Official Synonym Symbols	HOX1; HOX1C; HOX1.3
NCBI Protein Information	homeobox protein Hox-A5
UniProt Protein Name	Homeobox protein Hox-A5
UniProt Gene Name	HOXA5
UniProt Synonym Gene Names	HOX1C

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.