

Rabbit anti-Human HoxD10 Polyclonal Antibody | anti-HoxD10 antibody

HoxD10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322539	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

HoxD10; Polyclonal Antibody; HoxD10 Antibody; AI385591; AI874987; Homeo box 4D; Homeo box D10; Homeobox D10; Homeobox protein Hox-4D; Homeobox protein Hox-4E; Homeobox protein Hox-D10; Hox 4.4; Hox 4.5; Hox 4D; Hox 4E; Hox 5.3; HOX4D; HOX4E; HOXD10; HXD10; HXD10_HUMAN; OTTMUSP00000017845; RP23-313J15.9; anti-HoxD10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	HoxD10 antibody detects endogenous levels of total HoxD10
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	340
Applicable Applications for anti-HoxD10 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HoxD10
Subcellular Location	Nucleus.
Tissue Specificity	Strongly expressed in the adult male and female urogenital tracts.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA322539 staining K562 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.



WB (Western Blot)

Western blot analysis of HoxD10 using K562 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-HoxD10 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. Similarity: Belongs to the Abd-B homeobox family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	23510366
NCBI GeneID	3236
NCBI Accession #	NP_002139.2
NCBI GenBank Nucleotide #	NM_002148.3
UniProt Accession #	P28358; Q6NT10
Molecular Weight	Observed: 32 kDa Predicted: 39 kDa
NCBI Official Full Name	homeobox protein Hox-D10
NCBI Official Synonym Full Names	homeobox D10
NCBI Official Symbol	HOXD10
NCBI Official Synonym Symbols	HOX4; HOX4D; HOX4E; Hox-4.4
NCBI Protein Information	homeobox protein Hox-D10
UniProt Protein Name	Homeobox protein Hox-D10
UniProt Gene Name	HOXD10
UniProt Synonym Gene Names	HOX4D; HOX4E

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.