

Rabbit anti-Human, Mouse HOXB9 Polyclonal Antibody | anti-HOXB9 antibody

HOXB9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323813	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

HOXB9; Polyclonal Antibody; HOXB9 Antibody; Homeo box 2E; Homeo box B9; Homeobox B9; Homeobox protein Hox B9; Homeobox protein Hox-2.5; Homeobox protein Hox-2E; Homeobox protein Hox-B9; Hox 2.5; Hox 2E; HOX2; HOX2E; Hoxb9; HXB9_HUMAN; OTTHUMP00000216946; OTTHUMP00000243325; anti-HOXB9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	HOXB9 antibody detects endogenous levels of total HOXB9
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	250
Applicable Applications for anti-HOXB9 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Tissue Specificity	Expressed in whole embryos and fetuses at 5-9 weeks from conception.
Predicted Cross Reactivity	Pig, Bovine, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (92%), Bovine (92%), Sheep (92%), Rabbit (92%), Dog (92%), Chicken (82%)
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 K562 cells, using HOXB9 antibody.



IF (Immunofluorescence)
AAA323813 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.

ADDITIONAL INFORMATION

Related Product Information for anti-HOXB9 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 #	15029508
NCBI GeneID	3219
NCBI Accession #	NP_076922.1
NCBI GenBank Nucleotide #	NM_024017.4
UniProt Accession #	P17482; Q9H1I1; B2RDB7
Molecular Weight	Observed: 28 kD Predicted: 29 kDa
NCBI Official Full Name	homeobox protein Hox-B9
NCBI Official Synonym Full Names	homeobox B9
NCBI Official Symbol	HOXB9
NCBI Official Synonym Symbols	HOX2; HOX2E; HOX-2.5
NCBI Protein Information	homeobox protein Hox-B9
UniProt Protein Name	Homeobox protein Hox-B9
UniProt Gene Name	HOXB9
UniProt Synonym Gene Names	HOX2E

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.