

Rabbit HLX1 Polyclonal Antibody | anti-HLX1 antibody

HLX1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323978	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

HLX1; Polyclonal Antibody; HLX1 Antibody; H2.0 like homeo box 1; H2.0 like homeobox 1; H2.0 like homeobox 1 Drosophila; H2.0-like homeobox protein; HB24; HLX; HLX_HUMAN; Homeobox protein HB24; Homeobox protein HLX1; anti-HLX1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	HLX1 antibody detects endogenous levels of total HLX1
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	488
Applicable Applications for anti-HLX1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Tissue Specificity	Low level in normal B and T-cells, high level in activated lymphocytes and monocytes. Also found in thymus, tonsil, bone marrow, developing vessels, and fetal brain.
Predicted Cross Reactivity	Pig, Bovine, Horse, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Rabbit (100%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA323978 staining COLO205 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.



WB (Western Blot)

Western blot analysis of extracts of various tissue, using HLX1 antibody.



WB (Western Blot)

Western blot analysis of extracts from COLO205 cells, using HLX1 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-HLX1 antibody

Function: Transcription factor required for TBX21/T-bet-dependent maturation of Th1 cells as well as maintenance of Th1-specific gene expression. Involved in embryogenesis and hematopoiesis (By similarity).
Similarity: Belongs to the H2.0 homeobox family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11386181
NCBI GeneID	3142
NCBI Accession #	NP_068777.1
NCBI GenBank Nucleotide #	NM_021958.3
UniProt Accession #	Q14774; Q15988; Q59HE7; Q9NZ75; B2R8A8
Molecular Weight	Observed: 75 kD Predicted: 51 kDa
NCBI Official Full Name	H2.0-like homeobox protein
NCBI Official Synonym Full Names	H2.0 like homeobox
NCBI Official Symbol	HLX
NCBI Official Synonym Symbols	HB24; HLX1
NCBI Protein Information	H2.0-like homeobox protein
UniProt Protein Name	H2.0-like homeobox protein
UniProt Gene Name	HLX
UniProt Synonym Gene Names	HLX1

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.