



HLX1 rabbit pAb

Cat No.:ES2538

For research use only

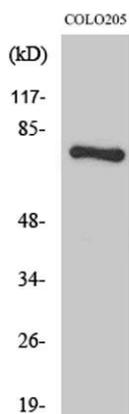
Overview

Product Name	HLX1 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human HLX1. AA range:321-370
Specificity	HLX1 Polyclonal Antibody detects endogenous levels of HLX1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	H2.0-like homeobox protein
Gene Name	HLX
Cellular localization	Nucleus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	75kD
Human Gene ID	3142
Human Swiss-Prot Number	Q14774
Alternative Names	HLX; HLX1; H2.0-like homeobox protein; Homeobox protein HB24; Homeobox protein HLX1
Background	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



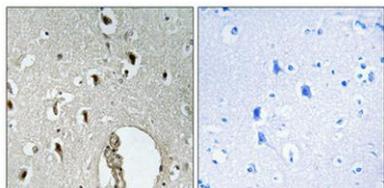


hematopoiesis.,sequence caution:Translation N-terminally extended.,similarity:Belongs to the H2.0 homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,tissue specificity:Low level in normal B and T-cells, high level in activated lymphocytes and monocytes. Also found in thymus, tonsil, bone marrow, developing vessels, and fetal brain.,

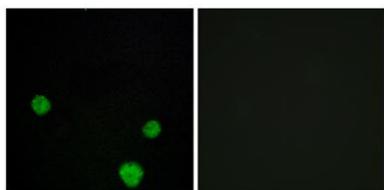


Western Blot analysis of various cells using HLX1 Polyclonal Antibody diluted at 1:1000

Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

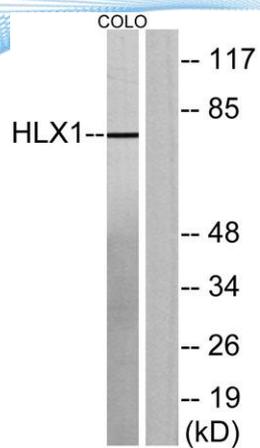


Immunofluorescence analysis of MCF7 cells, using HLX1 Antibody. The picture on the right is blocked with the synthesized peptide.





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Western blot analysis of lysates from COLO205 cells, using HLX1 Antibody. The lane on the right is blocked with the synthesized peptide.



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