

Product Name: HLX1 Rabbit Polyclonal Antibody**Catalog #: APRab12094**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	75kDa

Antigen Information

Gene Name	HLX
Alternative Names	HLX; HLX1; H2.0-like homeobox protein; Homeobox protein HB24; Homeobox protein HLX1
Gene ID	3142.0
SwissProt ID	Q14774
Immunogen	The antiserum was produced against synthesized peptide derived from human HLX1. AA range:321-370

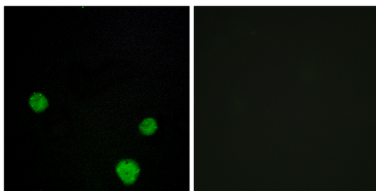
Background

function:Transcription factor required for TBX21/T-bet-dependent maturation of Th1 cells as well as maintenance of Th1-

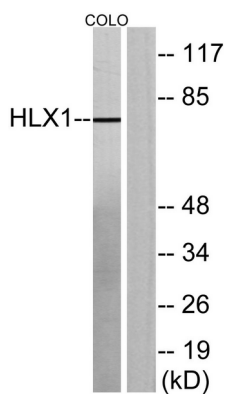
specific gene expression. Involved in embryogenesis and hematopoiesis.,sequence caution:Translation N-terminally extended.,similarity:Belongs to the H2.0 homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,tissue specificity:Low level in normal B and T-cells, high level in activated lymphocytes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

Research Area

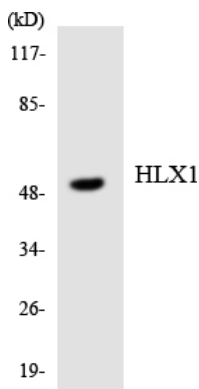
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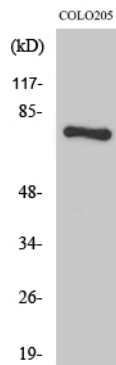
Immunofluorescence analysis of MCF7 cells, using HLX1 Antibody. The picture on the right is blocked with the synthesized peptide.



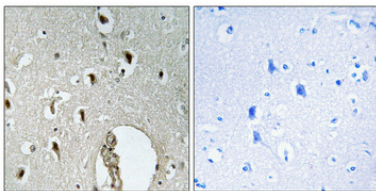
Western blot analysis of lysates from COLO205 cells, using HLX1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using HLX1 antibody.



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, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.