



HLX1 Polyclonal Antibody

Catalog No	YP-Ab-01792
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	HLX
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.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	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.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Homeobox protein HB24;HLX1;HB24;H2.0-like homeobox protein;H2.0 like homeobox protein;HLX;Homeobox protein HLX1
Observed Band	75kD
Calculated Molecular Weight	75kD
Cell Pathway	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.
Function	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.,



Background

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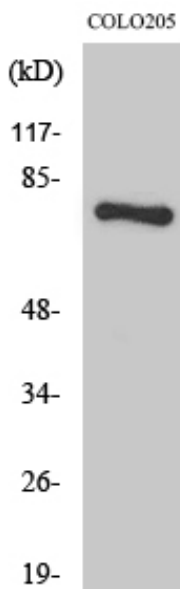
matters needing attention

Avoid repeated freezing and thawing!

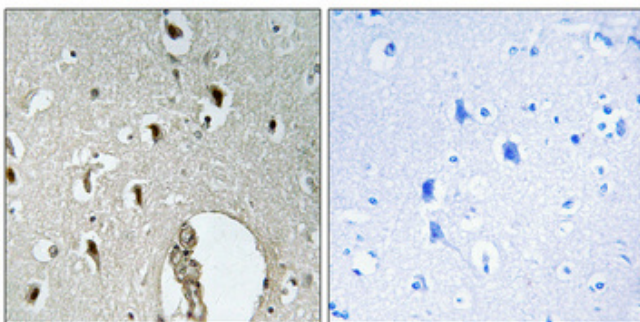
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

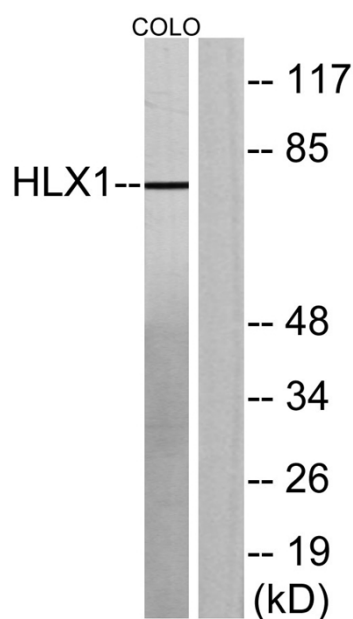


Western Blot analysis of various cells using HLX1 Polyclonal Antibody diluted at 1:1000

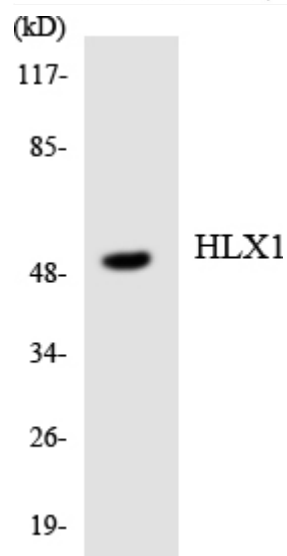


Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4° overnight). High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

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.