

## HLX1 (Q338) polyclonal antibody

Catalog: BS2658

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

HLX1 (homeobox protein HB24) is a 488 amino acid protein encoded by the human gene HLX1. HLX1 belongs to the H2.0 homeobox family and contains one homeobox DNA-binding domain. HLX1 is considered a diverged human homeodomain-containing protein known to be expressed in hematopoietic progenitors and activated lymphocytes. HLX1 is a transcription factor required for TBX21/T-bet-dependent maturation of Th1 cells as well as maintenance of Th1-specific gene expression. It is also involved in embryogenesis and hematopoiesis. Overexpression of HLX1 will cause a marked increase in activated T cells/thymocytes and interleukin-2 receptor expression. Overexpression will also impair the normal development of CD4+ T cells and will prevent the thymus from undergoing normal involution.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 75 kDa

### Swiss-Prot:

Q14774

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

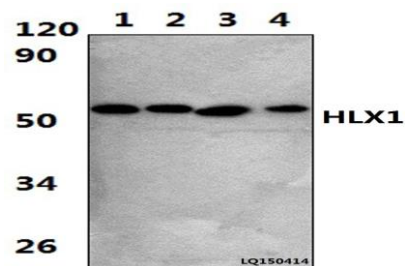
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

HLX1 (Q338) polyclonal antibody detects endogenous levels of HLX1 protein.

### DATA:



Western blot (WB) analysis of HLX1 (Q338) polyclonal antibody at

1:1000 dilution Lane1: JURKAT whole cell lysate(37ug)

Lane2: THP-1 whole cell lysate(37ug)

Lane3: The peripheral blood cell lysate of Rat(36ug) Lane4: The peripheral blood cell lysate of Mouse(36ug)

Immunohistochemistry (IHC) analyzes of HoxD12 (E230) pAb in paraffin-embedded human brain tissue.

### Note:

For research use only, not for use in diagnostic procedure.

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151