

## Rabbit HLX Polyclonal Antibody | anti-HLX antibody

Anti-HLX Antibody

| CATALOG # | HOST   | REACTIVITY                | APPLICATIONS                                                                |
|-----------|--------|---------------------------|-----------------------------------------------------------------------------|
| AAA264144 | Rabbit | Human, Mouse, Rat, Bovine | Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

HLX; Polyclonal Antibody; Anti-HLX Antibody; HLX1; H2.0-like homeobox protein; Homeobox protein HB24; Homeobox protein HLX1; anti-HLX antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                    |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                             |
| Reactivity                                    | Human, Mouse, Rat, Bovine                                                                                                          |
| Clonality                                     | Polyclonal                                                                                                                         |
| Specificity                                   | Recognizes endogenous levels of HLX protein.                                                                                       |
| Purity/Purification                           | Purified by Immunogen Affinity Chromatography                                                                                      |
| Form/Format                                   | Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.                          |
| Applicable Applications for anti-HLX antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                  |
| Immunogen                                     | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human HLX. The exact sequence is proprietary. |
| Preparation and Storage                       | Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                                            |

### IMAGES



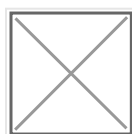
#### IF (Immunofluorescence)

Immunofluorescent analysis of HLX staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of HLX staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of HLX expression in C6 (A), mouse brain (B) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                   |                                   |
|---------------------------------------------------|-----------------------------------|
| Related Product Information for anti-HLX antibody | Rabbit polyclonal antibody to HLX |
|---------------------------------------------------|-----------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 11386181                                                                                                                                     |
| NCBI GeneID                      | 3142                                                                                                                                         |
| NCBI Accession #                 | NP_068777.1                                                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_021958.3                                                                                                                                  |
| UniProt Accession #              | Q14774; Q61670; A0JPN1                                                                                                                       |
| Molecular Weight                 | 50,789 Da                                                                                                                                    |
| 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; H2.0-like homeobox 1; H2.0-like homeo box 1; H2.0-like homeo box-1; homeobox protein HB24; homeobox protein HLX1 |
| UniProt Protein Name             | H2.0-like homeobox protein                                                                                                                   |
| UniProt Gene Name                | HLX                                                                                                                                          |
| UniProt Synonym Gene Names       | HLX1                                                                                                                                         |
| UniProt Entry Name               | HLX_HUMAN                                                                                                                                    |

**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.

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