



# Mlx rabbit pAb

Cat No.:ES7353

For research use only

## Overview

<b>Product Name</b>	Mlx rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Mlx. AA range:111-160
<b>Specificity</b>	Mlx Polyclonal Antibody detects endogenous levels of Mlx protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Max-like protein X
<b>Gene Name</b>	MLX
<b>Cellular localization</b>	[Isoform Alpha]: Cytoplasm . Found predominantly in the cytoplasm (PubMed:10918583). .; [Isoform Beta]: Cytoplasm . Found predominantly in the cytoplasm (PubMed:10918583). .; [Isoform Gamma]: Nucleus . Found predominantly in the nucleus (PubMed:10918583).
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	33kD
<b>Human Gene ID</b>	6945
<b>Human Swiss-Prot Number</b>	Q9UH92
<b>Alternative Names</b>	MLX; BHLHD13; TCFL4; Max-like protein X; Class D basic helix-loop-helix protein 13; bHLHd13; Max-like bHLHZip protein; Protein BigMax; Transcription



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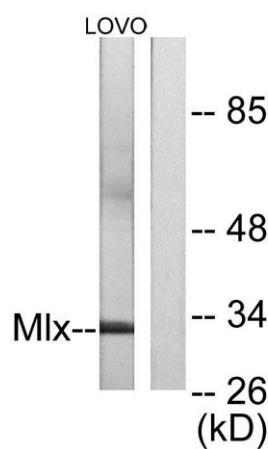
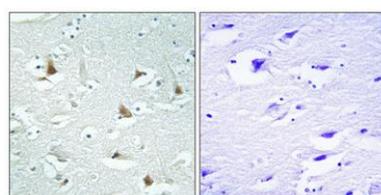


## Background

### factor-like protein 4

The product of this gene belongs to the family of basic helix-loop-helix leucine zipper (bHLH-Zip) transcription factors. These factors form heterodimers with Mad proteins and play a role in proliferation, determination and differentiation. This gene product may act to diversify Mad family function by its restricted association with a subset of the Mad family of transcriptional repressors, namely, Mad1 and Mad4. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jul 2008],

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 control (right) obtained from antibody was pre-absorbed by i



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

