

# Mlx rabbit pAb

Cat No.:ES7353

For research use only

## Overview

Product Name	Mlx rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Mlx. AA range:111-160
Specificity	Mlx Polyclonal Antibody detects endogenous levels of Mlx protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Max-like protein X
Gene Name	MLX
Cellular localization	[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).
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	33kD
Human Gene ID	6945
Human Swiss-Prot Number	Q9UH92
Alternative Names	MLX; BHLHD13; TCFL4; Max-like protein X; Class D basic helix-loop-helix protein 13; bHLHD13; Max-like bHLHZip protein; Protein BigMax; Transcription





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

