

## Mlx Antibody

Catalog No: #34102



Package Size: #34102-1 50ul #34102-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

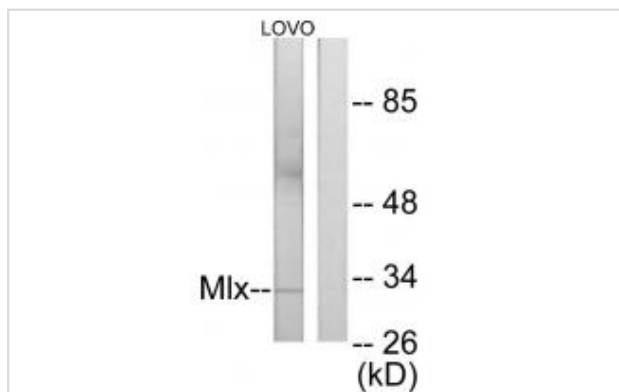
## Description

|                       |  |
|-----------------------|--|
| Product Name          | Mlx Antibody   |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Purification          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                              |
| Applications          | WB   |
| Species Reactivity    | Hu Ms Rt   |
| Specificity           | The antibody detects endogenous levels of total Mlx protein.   |
| Immunogen Type        | Peptide  |
| Immunogen Description | Synthesized peptide derived from internal of human Mlx.  |
| Target Name           | Mlx  |
| Other Names           | BigMax protein; MAD7; MXD7; Max-like bHLHZip protein; Max-like protein X   |
| Accession No.         | Swiss-Prot: Q9UH92NCBI Gene ID: 6945   |
| SDS-PAGE MW           | 33kd   |
| Concentration         | 1.0mg/ml   |
| Formulation           | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage               | Store at -20°C   |

## Application Details

Western blotting: 1:500~1:3000

## Images



Western blot analysis of extracts from LOVO cells, using Mlx antibody #34102.

## Background

Transcription regulator. Forms a sequence-specific DNA-binding protein complex with MAD1, MAD4, MNT, WBSCR14 and MLXIP which recognizes

the core sequence 5'-CACGTG-3'. The TCFL4-MAD1, TCFL4-MAD4, TCFL4-WBSCR14 complexes are transcriptional repressors. Plays a role in transcriptional activation of glycolytic target genes. Involved in glucose-responsive gene regulation.

Billin A.N., J. Biol. Chem. 274:36344-36350(1999).

Meroni G., Oncogene 19:3266-3277(2000).

Ota T., Nat. Genet. 36:40-45(2004).

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.