

MLXIPL Rabbit pAb

Catalog No.: A7630

6 Publications

Basic Information

Observed MW

72kDa\110kDa

Calculated MW

93kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Human, Mouse

Background

This gene encodes a basic helix-loop-helix leucine zipper transcription factor of the Myc/Max/Mad superfamily. This protein forms a heterodimeric complex and binds and activates, in a glucose-dependent manner, carbohydrate response element (ChoRE) motifs in the promoters of triglyceride synthesis genes. The gene is deleted in Williams-Beuren syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at chromosome 7q11.23. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:1000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

51085

Swiss Prot

Q9NP71

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

MIO; MLX; CHREBP; MONDOB; WBSCR14; WS-bHLH; bHLHd14; MLXIPL

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

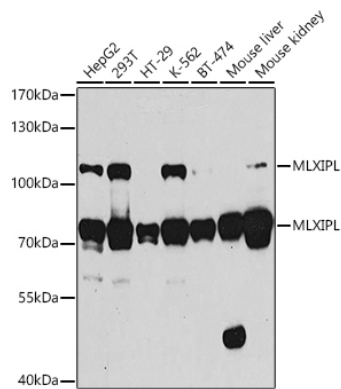
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using MLXIPL Rabbit pAb (A7630) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.