

## Anti-MLX-interacting protein MLXIP Antibody

Catalog Number: A08709

### About MLXIP

MLXIP is a member of the Myc superfamily of transcription factors and functions as part of a heterodimer with Max-like protein X (MLX) to activate transcription (1). MLXIP contributes to the regulation of glucose homeostasis as the MLXIP/MLX heterodimer activates expression of thioredoxin-interacting protein (TXNIP), a potent inhibitor of cellular glucose uptake and aerobic glycolysis. The mammalian target of rapamycin (mTOR) suppresses the activation of the TXNIP pathway by binding to MLXIP, thereby preventing the MLXIP/MLX heterodimer formation (2). MLXIP interaction with Myc may also be involved in metabolic reprogramming and tumorigenesis (3).

### Overview

Product Name	Anti-MLX-interacting protein MLXIP Antibody
Reactive Species	Human
Description	Boster Bio Anti-MLX-interacting protein MLXIP Antibody (Catalog # A08709). Tested in ELISA, WB applications. This antibody reacts with Human.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	MLXIP Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	MLXIP antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9HAP2

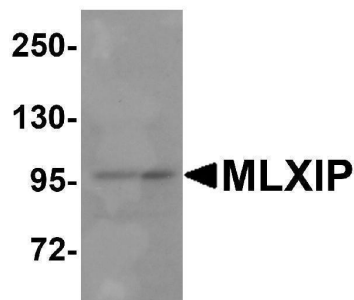
### Technical Details

Immunogen	MLXIP antibody was raised against a peptide corresponding to 19 amino acids near the amino terminus of human MLXIP.
Predicted Reactive Species	Mouse
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	MLXIP Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	MLXIP antibody can be used for Western blot at 1 - 2 ug/mL. Antibody validated: Western Blot in human samples. All other applications and species not yet

tested. Optimal dilutions for each application should be determined by the researcher.

## Anti-MLX-interacting protein MLXIP Antibody (A08709) Images

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Western blot analysis of MLXIP in MCF7 cell lysate with MLXIP antibody at 1 ug/mL.

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Anti-MLX-interacting protein MLXIP Antibody

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