

[Go to Product page](#)

Datasheet for ABIN7116474 **anti-MLXIP antibody**

Overview

Quantity:	100 µg
Target:	MLXIP
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MLXIP antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	MLX interacting protein
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	MLXIP
Alternative Name:	MLXIP (MLXIP Products)
Background:	Synonyms:BHLHE36, KIAA0867, MIR, MONDOA Background:MLx-interacting protein(MLXIP), after forming heterodimers with MLX, can bind to and then activate transcription from CACGTG E boxes. The N terminus of MLXIP acts as a CRM1-dependent nuclear export signal and contribute to the cytoplasmic localization of the complex, and as a binding site for 13 protein.

Target Details

the C terminus contains a cytoplasmic localization signal and mediates protein-protein interaction of MONDOA and MLX. The complex play a role in transcriptional activation of glycolytic target genes and glucose-responsive gene regulation. This antibody could recognize isoform1(~110kd) and isoform3(~69kd) of MLXIP. A specific MLXIP of approximately 130 kDa was detected. It demonstrates that MLXIP associated specifically with Mlx in the cytoplasm (PMID: 11073985).

Molecular Weight:	130 kDa
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Gene ID:	22877
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UniProt:	Q9HAP2
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Application Details

Application Notes:	WB: 1:200-1:1000, IHC: 1:20-1:200, IF: 1:10-1:100
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
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Expiry Date:	12 months
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