

## anti- MLXIP antibody

### Product Information

Catalog No.:	FNab05223
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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. 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).

### Immunogen information

Immunogen:	MLX interacting protein
Synonyms:	BHLHE36, KIAA0867, MIR, MONDOA
Observed MW:	130 kDa
Uniprot ID :	Q9HAP2

### Application

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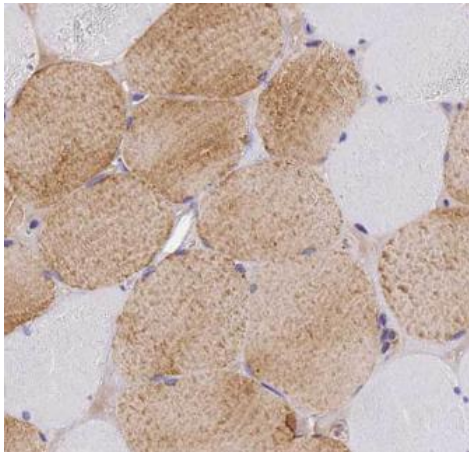
[www.fn-test.com](http://www.fn-test.com)

Reactivity: Human, Mouse, Rat

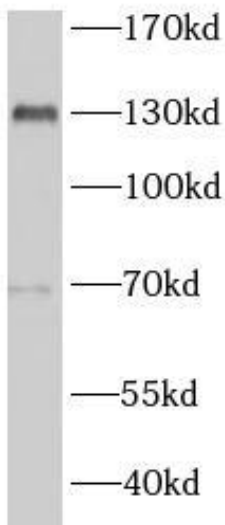
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:200-1:1000; IHC: 1:20-1:200; IF: 1:10-1:100

Image:



Immunohistochemistry of paraffin-embedded human skeletal muscle using FNab05223(MLXIP antibody) at dilution of 1:100



K-562 cells were subjected to SDS PAGE followed by western blot with FNab05223(MLXIP antibody) at dilution of 1:500

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