Order: (888)-282-5810 (Phone)
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MLXIPL (C) Antibody, Rabbit Polyclonal

Cat#: R2556-3

Lot#: Refer to vial

Quantity: 100 ul

Application: WB, IP, ChIP

Predicted I Observed M.W.: 95 I 120 kDa

Uniprot ID: Q99MZ3

Background:

MLX-interacting protein-like (MLXIPL) is a nuclear protein involved in transcriptional regulation. MLXIPL contains 1 basic helix-loop-helix (bHLH) domain and binds to the canonical and non-canonical E box sequences 5'-CACGTG-3'. MLXIPL is a transcriptional repressor.

Other Names:

Carbohydrate-responsive element-binding protein, ChREBP, MLX interactor, MLX-interacting protein-like, Williams-Beuren syndrome chromosomal region 14 protein homolog, Mio, Wbscr14

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of mouse MLXIPL. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN_3. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)
IP & ChIP: 1:100-1:200

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

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Product Data:

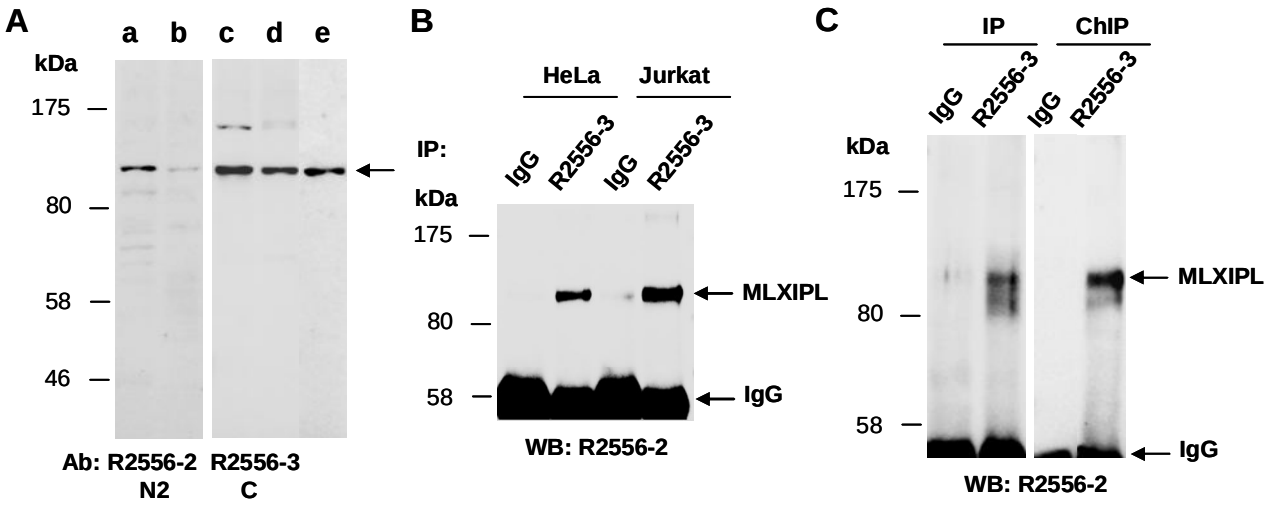

Fig 1. (A) *Western blot (WB) of total cell extracts from (a,c) human HeLa, (b,d) human Jurkat, (e) human HepG2; using 2 independent Abs against 2 distinct regions of mouse MLXIPL at RT for 2 h.* ***(B)*** *IP-WB. Immunoprecipitaion (IP) was performed with HeLa or Jurkat extracts with IgG or anti-MLXIPL (C) (R2556-3) as indicated, followed by WB with anti-MLXIPL (N2) (R2556-2).* ***(C)*** *Total extracts from human HepG2 were immunoprecipitated with IgG or anti-MLXIPL (C) (R2556-3) under the conventional IP conditions or cross-linked chromatin immunoprecipitation (ChIP) conditions; followed by WB with anti-MLXIPL (N2) (R2556-2) at RT for 2 h.*

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