Datasheet for ABIN925930

anti-MLXIPL antibody (N-Term)

2 Images

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Overview

Quantity:	100 µg
Target:	MLXIPL
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MLXIPL antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	MLXIPL antibody was raised in rabbit using the N terminal of MLXIPL as the immunogen
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Cow (Bovine)

Target Details

Target:	MLXIPL
Alternative Name:	MLXIPL (MLXIPL Products)
Background:	MLXIPL is 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. Synonyms: Polyclonal MLXIPL antibody, Anti-MLXIPL antibody, MLX interacting protein-like antibody.

Target Details

Pathways:	Carbohydrate Homeostasis, Regulation of Carbohydrate Metabolic Process

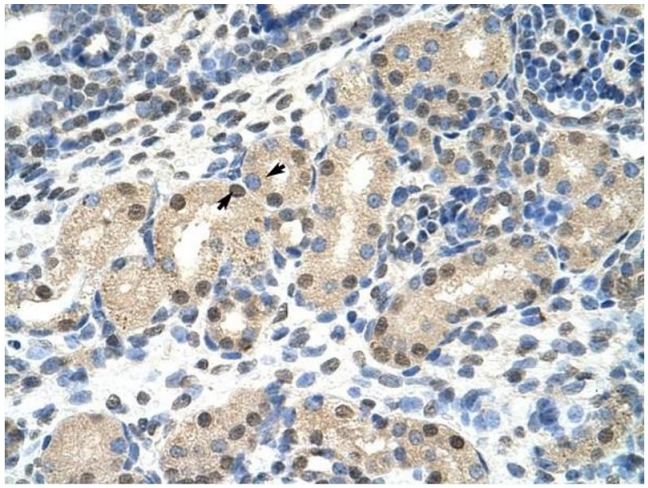
Application Details

Application Notes:	WB: 1.25 µg/mL Optimal conditions should be determined by the investigator.
Comment:	MLXIPL Blocking Peptide, catalog no. 33R-5658, is also available for use as a blocking control in assays to test for specificity of this MLXIPL antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

Images



Immunohistochemistry

Image 1. MLXIPL antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Epithelial cells of renal tubule (arrows) in Human Kidney. Magnification is at 400X

Western Blotting

Image 2. MLXIPL antibody (20R-1229) used at 0.2-1 ug/ml to detect target protein.