

MLXPL Rabbit pAb

CatalogNo: YT6797

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA, IHC

MW

- 94kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

IHC 1:50-300

ELISA 1:2000-20000

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human MLXPL AA range: 303-353

Specificity

This antibody detects endogenous levels of MLXPL at Human/Mouse/Rat

Target Information

Gene name

MLXIPL BHLHD14 MIO WBSCR14

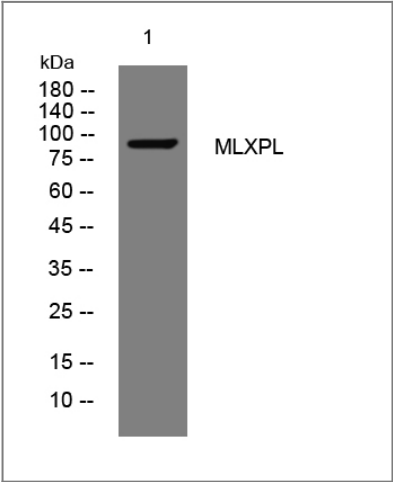
Protein Name	MLXPL		
	Organism	Gene ID	UniProt ID
	Human	51085;	Q9NP71;
	Mouse	58805;	Q99MZ3;
	Rat	171078;	Q8VIP2;

Cellular Localization Nucleus.

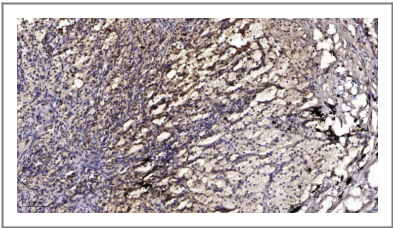
Tissue specificity Expressed in liver, heart, kidney, cerebellum and intestinal tissues.

Function Disease:Haploinsufficiency of WBSCR14 may be the cause of certain cardiovascular and musculo-skeletal abnormalities observed in Williams-Beuren syndrome (WBS) [MIM:194050]. WBS is a rare developmental disorder. It is a contiguous gene deletion syndrome involving genes from chromosome band 7q11.23.,Function:Transcriptional repressor. Binds to the canonical and non-canonical E box sequences 5'-CACGTG-3'.similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,subunit:Binds DNA as a heterodimer with TCFL4/MLX.,tissue specificity:Expressed in liver, heart, kidney, cerebellum and intestinal tissues.,

Validation Data



Western blot analysis of lysates from HeLa cells, primary antibody was diluted at 1:1000, 4°over night



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

Contact information

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MLXPL Rabbit pAb

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