

Datasheet for ABIN363458
anti-MLXIPL antibody (C-Term, Isoform 1)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mL
Target:	MLXIPL
Binding Specificity:	AA 800-852, C-Term, Isoform 1
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Chromatin Immunoprecipitation (ChIP), Immunocytochemistry (ICC)

Product Details

Immunogen:	C-terminal synthetic peptide made to the human ChREBP protein sequence (between residues 800-852). [Uniprot# Q9NP71, isoform 1/alpha]
Specificity:	Reacts with human ~93 kDa ChREBP
Cross-Reactivity:	Mouse (Murine), Rat (Rattus)
Cross-Reactivity (Details):	May cross react with protein from mouse and rat (83 % sequence homology). Not tested in other species.
Purification:	Antigen affinity purified

Target Details

Target:	MLXIPL
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Target Details

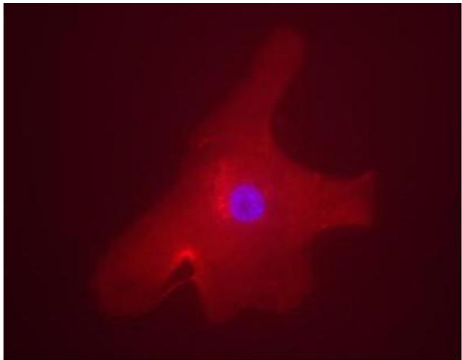
Alternative Name:	Carbohydrate-Responsive Element-Binding Protein (ChREBP) (MLXIPL Products)
Background:	ChREBP is a transcription factor involved in activating genes that encode enzymes of fatty acid biosynthesis in liver and adipose. This protein may have relevance to lipid metabolism, obesity, and type II diabetes.
Gene ID:	51085
Pathways:	Carbohydrate Homeostasis , Regulation of Carbohydrate Metabolic Process

Application Details

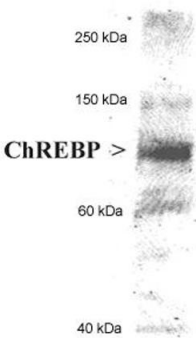
Application Notes:	Working dilution: Optimal dilution should be determined by the end user. The following are guidelines only : ChIP (1:10 - 1:500) ICC/ IF (1:100 - 1:500) IHC - P(1:100) IP (1:10 - 1:500) WB(1:1000)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Tris-citrate/phosphate, pH 7-8, Sodium azide 0.01 %
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Short term storage at +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month from date of receipt.
Expiry Date:	6 months



Immunofluorescent staining of a human hepatocyte using pab50149
Overlay staining of ChREBP (rhodamine red) and DAPI nuclear staining (blue)



Detection of ChREBP in 20 µg of human hepatocyte lysate using pab50149
5-10 second film exposure

Image 1.

Image 2.