MLXPL Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MLXPL, Polyclonal Antibody
Full Product Name	MLXPL rabbit pAb
Product Gene Name	anti-MLXPL antibody
Product Synonym Gene Name	MLXIPL; BHLHD14; MIO; WBSCR14
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Preparation and Storage	Store at -20 degree C for ~1 year
Chromosome Location	**chromosome:** 7; **Location:** 7q11.23
OMIM	194050. phenotype.
3D Structure	ModBase 3D Structure for Q9NP71
Product Categories/Family for anti-MLXPL antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MLXPL antibody	Western Blot (WB)
Application Notes for anti-MLXPL antibody	WB: 1:500-2000
Related Product Information for anti-MLXPL antibody	This gene encodes 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. The gene is deleted in Williams-Beuren syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at chromosome 7q11.23. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]
Other Notes	Small volumes of anti-MLXPL antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for MLXPL purchase	MBS8600784 is an antibody targeting MLXPL. Also known as MLXPL rabbit pAb. Reactive in Human, Mouse, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MLXPL. It may not necessarily be applicable to this product.

NCBI GI #	14602439
NCBI GeneID	51085
NCBI Accession #	NP_116572.1

UniProt Primary Accession #	Q9NP71
UniProt Secondary Accession #	Q96E48; Q9BY03; Q9BY04; Q9BY05; Q9BY06; Q9Y2P3; C5HU02; C5HU03; C5HU04
UniProt Related Accession #	Q9NP71
NCBI Official Full Name	Williams-Beuren syndrome chromosomal region 14 protein isoform delta [Homo sapiens]
NCBI Official Synonym Full Names	MLX interacting protein-like
NCBI Official Symbol	MLXIPL
NCBI Official Synonym Symbols	MIO; CHREBP; MONDOB; WBSCR14; WS-bHLH; bHLHd14; MLXIPL
UniProt Protein Name	Williams-Beuren syndrome chromosomal region 14 protein
UniProt Synonym Protein Names	WS basic-helix-loop-helix leucine zipper protein; WS-bHLH; MLX interactor; MLX-interacting protein-like; Class D basic helix-loop-helix protein 14
UniProt Gene Name	MLXIPL
UniProt Synonym Gene Names	BHLHD14; MIO; WBSCR14
UniProt Entry Name	WBS14_HUMAN
NCBI Protein Information	Williams-Beuren syndrome chromosomal region 14 protein; Mlx interactor; OTTHUMP00000211546; MLX-interacting protein-like; class D basic helix-loop-helix protein 14; Williams Beuren syndrome chromosome region 14; carbohydrate response element binding prote
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-rat-antibody/mlxpl/8600784