

Rabbit MLX Polyclonal Antibody | anti-MLX antibody

MLX antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197594	Rabbit	Cow, Dog, Goat, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

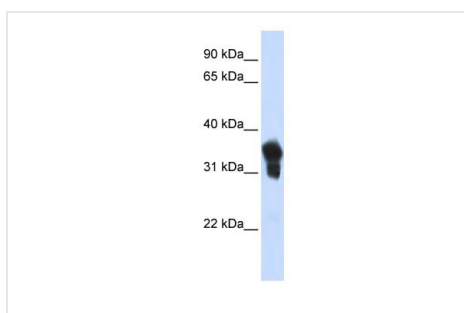
PRODUCT SYNONYMS

MLX; Polyclonal Antibody; MLX antibody - N-terminal region; anti-MLX antibody

PRODUCT SPECIFICATIONS

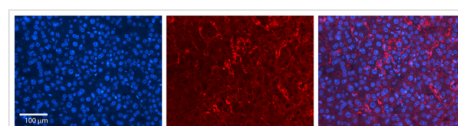
Host	Rabbit
Reactivity	Cow, Dog, Goat, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AY SDNSLDPGLF VESTRKGSVV SRANSIGSTS ASSVPNTDDE DSDYHQEA
Sequence Length	298
Applicable Applications for anti-MLX antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human MLX
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



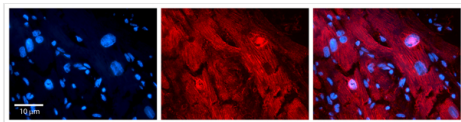
WB (Western Blot)

WB Suggested Anti-MLX Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Transfected 293T



IHC (Immunohistochemistry)

Rabbit Anti-MLX Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Liver
Tissue
Observed Staining: Cytoplasm in endothelial cells in sinusoids
Primary Antibody Concentration: N/A
Other Working Concentrations: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec



IHC (Immunohistochemistry)

Rabbit Anti-MLX Antibody
Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue Observed Staining: Cytoplasmic, nucleus
Primary Antibody Concentration: 1:100
Other Working Concentrations: N/A
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-MLX antibody	This is a rabbit polyclonal antibody against MLX. It was validated on Western Blot using a cell lysate as a positive control. Target Description: MLX belongs to the family of basic helix-loop-helix leucine zipper (bHLH-Zip) transcription factors. These factors form heterodimers with Mad proteins and play a role in proliferation, determination and differentiation. MLX may act to diversify Mad family function by its restricted association with a subset of the Mad family of transcriptional repressors, namely, Mad1 and Mad4. The product of this gene belongs to the family of basic helix-loop-helix leucine zipper (bHLH-Zip) transcription factors. These factors form heterodimers with Mad proteins and play a role in proliferation, determination and differentiation. This gene product may act to diversify Mad family function by its restricted association with a subset of the Mad family of transcriptional repressors, namely, Mad1 and Mad4. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene.
Product Categories/Family for anti-MLX antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Drugs and Drug Metabolism; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	24586667
NCBI GeneID	6945
NCBI Accession #	NP_733752
NCBI GenBank Nucleotide #	NM_170607
UniProt Accession #	Q9UHQ2
Molecular Weight	33kDa
NCBI Official Full Name	max-like protein X isoform gamma
NCBI Official Synonym Full Names	MAX dimerization protein MLX
NCBI Official Symbol	MLX
NCBI Official Synonym Symbols	TF4; MAD7; MXD7; TCFL4; bHLHD13
NCBI Protein Information	max-like protein X
UniProt Protein Name	Max-like protein X
UniProt Gene Name	MLX
UniProt Synonym Gene Names	BHLHD13; TCFL4; bHLHD13
UniProt Entry Name	MLX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mlx-antibody-immunohistochemistry-western-blot-elisa/197594>