

Rabbit MLXIP Polyclonal Antibody | anti-MLXIP antibody

MLXIP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323120	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MLXIP; Polyclonal Antibody; MLXIP Antibody; BHLHE36; Class E basic helix loop helix protein 36; MIR; MONDOA; Transcriptional activator MondoA; anti-MLXIP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MLXIP antibody detects endogenous levels of MLXIP.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	919
Applicable Applications for anti-MLXIP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MLXIP.
Subcellular Location	Cytoplasmic, Mitochondrial Uter Membrane and Nuclear. Note: Predominantly cytoplasmic but shuttles between cytoplasm and nucleus when associated with MLX. Also associates with the outer mitochondrial membrane and may shuttle between the outer mitochondrial membrane and the nucleus.
Tissue Specificity	Widely expressed in adult tissues. Most abundant in skeletal muscle.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323120 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of K-562 cells, using MLXIP antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MLXIP antibody	Function: Binds DNA as a heterodimer with MLX and activates transcription. Binds to the canonical E box sequence 5'-CACGTG-3'. Plays a role in transcriptional activation of glycolytic target genes. Involved in glucose-responsive gene regulation. Subunit Structure: Efficient DNA binding requires dimerization with another bHLH protein. Binds DNA as a homodimer or a heterodimer with MLX.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	111955326
NCBI GeneID	22877
NCBI Accession #	NP_055753.3
NCBI GenBank Nucleotide #	NM_014938.5
UniProt Accession #	Q9HAP2; O94945; Q7LC47; Q8IXP1; Q8TAH9; Q8WVQ0; Q8WYA5; A7MBN0
Molecular Weight	Observed: 130 kDa Predicted: 102 kDa
NCBI Official Full Name	MLX-interacting protein
NCBI Official Synonym Full Names	MLX interacting protein
NCBI Official Symbol	MLXIP
NCBI Official Synonym Symbols	MIR; MONDOA; bHLHe36
NCBI Protein Information	MLX-interacting protein
UniProt Protein Name	MLX-interacting protein
UniProt Gene Name	MLXIP
UniProt Synonym Gene Names	bHLHe36

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://stage.aaabiotech.com/polyclonal/mlxip-antibody-immunohistochemistry-western-blot-elisa/323120>