

MONDOA Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57326**Specification**

MONDOA Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	Q9HAP2
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	101185

MONDOA Polyclonal Antibody - Additional Information**Gene ID** 22877**Other Names**

MLX-interacting protein, Class E basic helix-loop-helix protein 36, bHLHe36, Transcriptional activator MondoA, MLXIP (HGNC:17055)

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

MONDOA Polyclonal Antibody - Protein Information**Name** MLXIP ([HGNC:17055](#))**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.

Cellular Location

Cytoplasm. Nucleus {ECO:0000255|PROSITE- ProRule:PRU00981, ECO:0000269|PubMed:12446771, ECO:0000269|PubMed:16782875}. Mitochondrion outer membrane 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. {ECO:0000250|UniProtKB:Q2VPU4, ECO:0000269|PubMed:12446771, ECO:0000269|PubMed:16782875}

Tissue Location

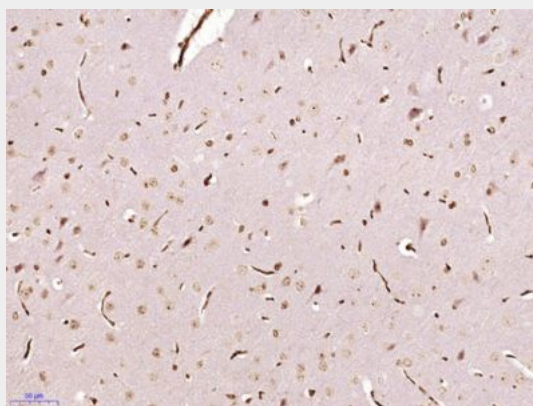
Widely expressed in adult tissues. Most abundant in skeletal muscle.

MONDOA Polyclonal Antibody - Protocols

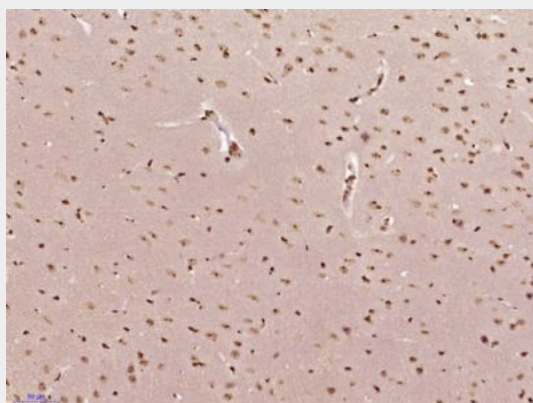
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MONDOA Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MONDOA) Polyclonal Antibody, Unconjugated (bs-18957R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MONDOA) Polyclonal Antibody, Unconjugated (bs-18957R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

