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MNSOD / SOD2 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS15336

Specification

MNSOD / SOD2 Antibody - Product Information

Application	**WB, IHC-P, E, IP**
Primary Accession	P04179
Reactivity	**Human, Mouse, Rat, Rabbit, Hamster, Monkey, Pig, Chicken, Sheep, Xenopus, Bovine, Guinea Pig, Gerbil, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**25kDa KDa**
Dilution	**WB~~1:1000** **IHC-P~~N/A** **E~~N/A** **IP~~N/A**

MNSOD / SOD2 Antibody - Additional Information

Gene ID 6648

Other Names
Superoxide dismutase [Mn], mitochondrial, 1.15.1.1, SOD2

Target/Specificity
Detects 25kD protein, corresponding to the molecular mass of Mn superoxide dismutase (SOD) on SDS-PAGE immunoblots.

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions
MNSOD / SOD2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

MNSOD / SOD2 Antibody - Protein Information

Name SOD2

Function
Destroys superoxide anion radicals which are normally produced within the cells and which are toxic to biological systems.

Cellular Location
Mitochondrion matrix.

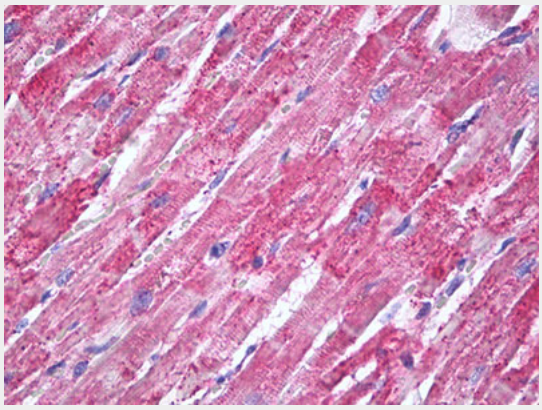
Volume
50 µl

MNSOD / SOD2 Antibody - Protocols

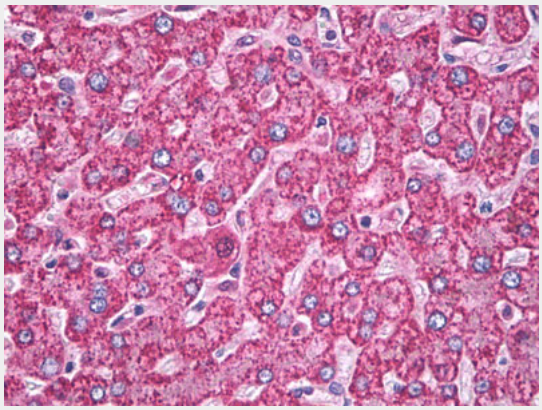
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MNSOD / SOD2 Antibody - Images



Anti-MNSOD / SOD2 antibody IHC of human heart.



Anti-MNSOD / SOD2 antibody IHC of human liver.

MNSOD / SOD2 Antibody - Background

Destroys superoxide anion radicals which are normally produced within the cells and which are toxic to biological systems.

MNSOD / SOD2 Antibody - References

Wispe J.R.,et al.Biochim. Biophys. Acta 994:30-36(1989).
Beck Y.,et al.Nucleic Acids Res. 15:9076-9076(1987).
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Ho Y.-S.,et al.FEBS Lett. 229:256-260(1988).
Church S.L.,et al.Biochim. Biophys. Acta 1087:250-252(1990).