

Monoamine Oxidase B antibody [N2C3]

Cat. No. GTX105970

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, ELISA, IHC, Sandwich ELISA
Reactivity	Human, Mouse

References (6)

 Review (1)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
ELISA	1:1000-1:10000
IHC	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture: GTX105970 , Detection: GTX89368

Not tested in other applications.

Calculated MW 59 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.51 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Monoamine Oxidase B. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



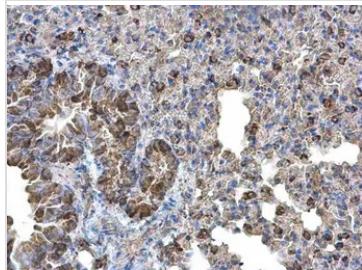
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Note

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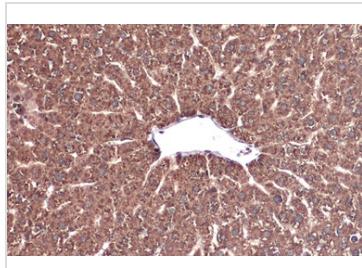
DATA IMAGES**GTX105970 IHC-P Image**

Monoamine Oxidase B antibody [N2C3] detects Monoamine Oxidase B protein at cytoplasm on mouse lung by immunohistochemical analysis.

Sample: Paraffin-embedded mouse lung.

Monoamine Oxidase B antibody [N2C3] (GTX105970) diluted at 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min

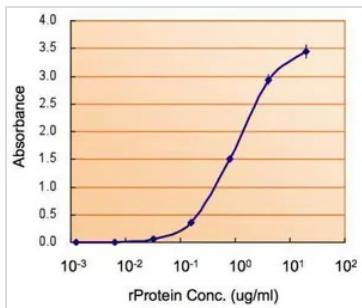
**GTX105970 IHC-P Image**

Monoamine Oxidase B antibody [N2C3] detects Monoamine Oxidase B protein at cytoplasm by immunohistochemical analysis.

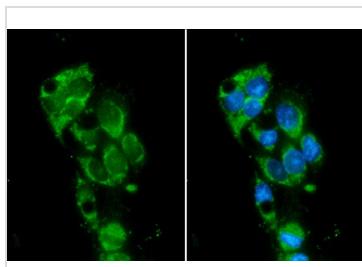
Sample: Paraffin-embedded mouse liver.

Monoamine Oxidase B stained by Monoamine Oxidase B antibody [N2C3] (GTX105970) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

**GTX105970 ELISA Image**

ELISA detection of MAOB using GTX105970 for capture at a concentration of 2.5 µg/mL and GTX89368 for detection at a concentration of 0.5 µg/mL.

**GTX105970 ICC/IF Image**

Monoamine Oxidase B antibody [N2C3] detects Monoamine Oxidase B protein at mitochondria by immunofluorescent analysis.

Sample: HepG2 cells were fixed in ice-cold MeOH for 5 min.

Green: Monoamine Oxidase B stained by Monoamine Oxidase B antibody [N2C3] (GTX105970) diluted at 1:500.

Blue: Hoechst 33342 staining.



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