

# Monoamine Oxidase B antibody [N2C3]

**Cat. No. GTX105970**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P, ELISA, IHC, Sandwich ELISA
<b>Reactivity</b>	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

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	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.
<b>Concentration</b>	0.51 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human Monoamine Oxidase B. The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated

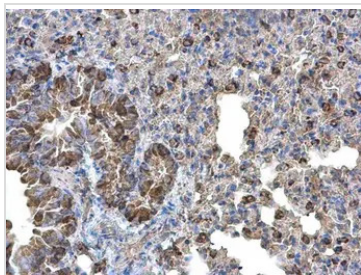


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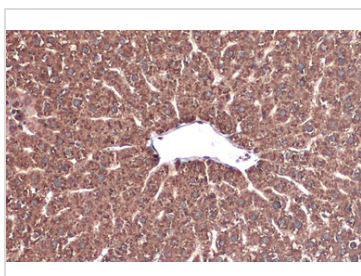
**DATA IMAGES**

**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

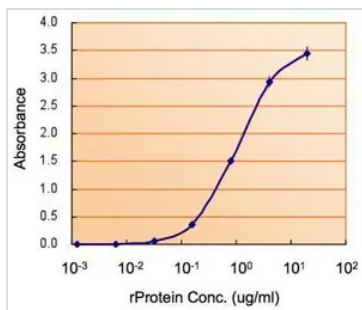

**GTx105970 IHC-P Image**

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

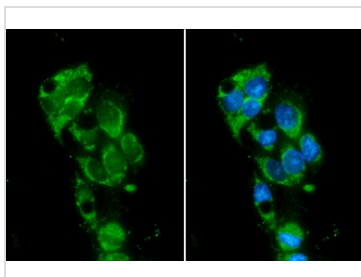
Sample: Paraffin-embedded mouse liver.

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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