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Datasheet for ABIN7127627

Recombinant anti-Monoamine Oxidase A antibody

3 Images

Overview

| | |
|----------------|--|
| Quantity: | 100 µL |
| Target: | Monoamine Oxidase A (MAOA) |
| Reactivity: | Human |
| Host: | Rabbit |
| Antibody Type: | Recombinant Antibody |
| Clonality: | Monoclonal |
| Conjugate: | This Monoamine Oxidase A antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF) |

Product Details

| | |
|-------------------|--|
| Immunogen: | A synthesized peptide derived from human Monoamine Oxidase A |
| Clone: | 4C11 |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | Affinity-chromatography |

Target Details

| | |
|-------------------|---|
| Target: | Monoamine Oxidase A (MAOA) |
| Alternative Name: | MAOA (MAOA Products) |
| Background: | Background: Catalyzes the oxidative deamination of biogenic and xenobiotic amines and has |

Target Details

important functions in the metabolism of neuroactive and vasoactive amines in the central nervous system and peripheral tissues. MAOA preferentially oxidizes biogenic amines such as 5-hydroxytryptamine (5-HT), norepinephrine and epinephrine.

Aliases: Amine oxidase [flavin-containing] A (EC 1.4.3.4) (Monoamine oxidase type A) (MAO-A), MAOA

UniProt: [P21397](#)

Application Details

Application Notes: Recommended dilution: IHC:1:50-1:200, IF:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

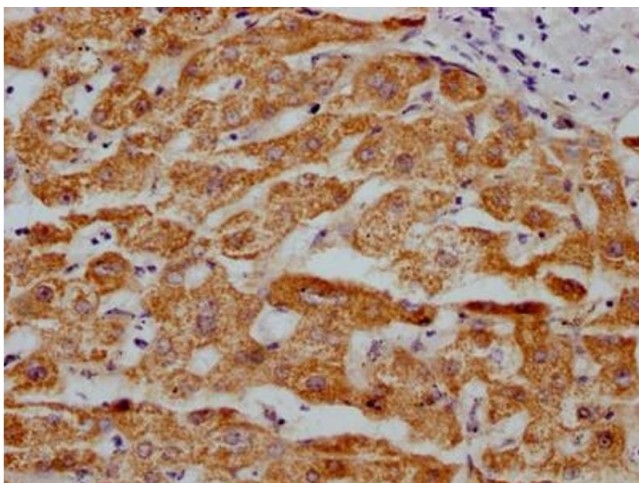
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

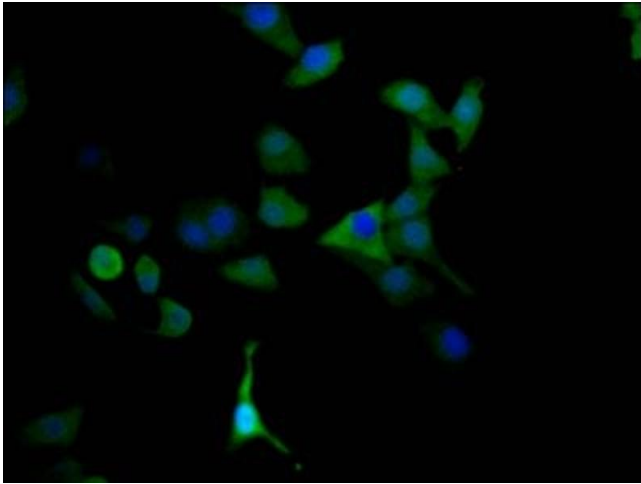
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

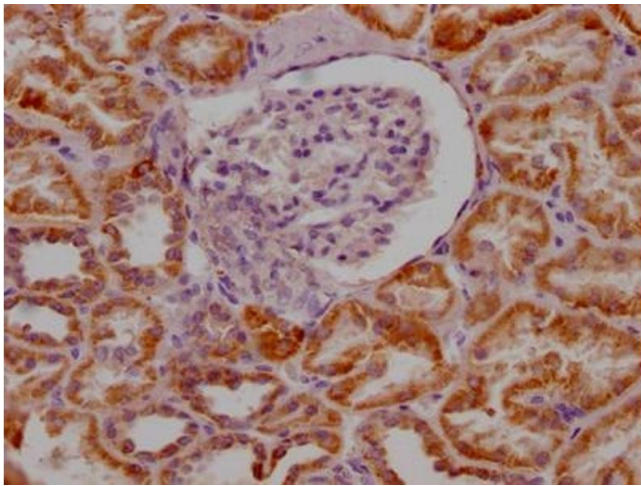
Image 1. IHC image of ABIN7127627 diluted at 1:100 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized



using 0.05 % DAB.

Immunofluorescence

Image 2. Immunofluorescence staining of HepG2 Cells with ABIN7127627 at 1:50, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeated by 0.2 % TritonX-100, and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



Immunohistochemistry

Image 3. IHC image of ABIN7127627 diluted at 1:100 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05 % DAB.