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Datasheet for ABIN7127628 Recombinant anti-Monoamine Oxidase B antibody

3 Images



Overview

| Quantity: | 100 μL |
|----------------|--|
| Target: | Monoamine Oxidase B (MAOB) |
| Reactivity: | Human |
| Host: | Rabbit |
| Antibody Type: | Recombinant Antibody |
| Clonality: | Monoclonal |
| Conjugate: | This Monoamine Oxidase B antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |

Product Details

| Immunogen: | A synthesized peptide derived from human Monoamine Oxidase B |
|-------------------|--|
| Clone: | 9B6 |
| Isotype: | lgG |
| Cross-Reactivity: | Human |
| Purification: | Affinity-chromatography |

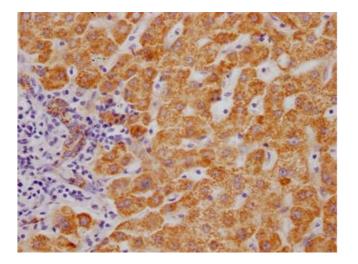
Target Details

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

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| Target Details | |
|---------------------|--|
| | important functions in the metabolism of neuroactive and vasoactive amines in the central nervous system and peripheral tissues. MAOB preferentially degrades benzylamine and phenylethylamine. Aliases: Amine oxidase [flavin-containing] B (EC 1.4.3.4) (Monoamine oxidase type B) (MAO-B), MAOB |
| UniProt: | P27338 |
| Application Details | |
| Application Notes: | Recommended dilution: WB:1:500-1:5000, IHC:1:50-1:200, |
| 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. |

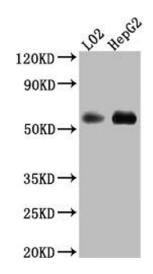
Images

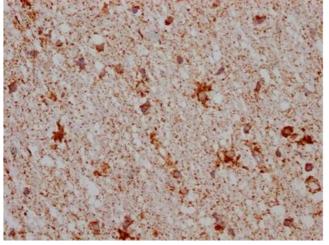


Immunohistochemistry

Image 1. IHC image of ABIN7127628 diluted at 1:100 and staining in paraffin-embedded human liver tissue performed on a Leica BondTM 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

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using 0.05 % DAB.

Western Blotting

Image 2. Western Blot Positive WB detected in: L02 whole cell lysate, HepG2 whole cell lysate All lanes: Monoamine Oxidase B Antibody at 1:1000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 59, 47 kDa Observed band size: 59 kDa

Immunohistochemistry

Image 3. IHC image of ABIN7127628 diluted at 1:100 and staining in paraffin-embedded human brain tissue performed on a Leica BondTM 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.

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