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Datasheet for ABIN7258582

anti-Monoamine Oxidase B antibody

1 Image

Overview

Quantity:	200 µL
Target:	Monoamine Oxidase B (MAOB)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Monoamine Oxidase B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein of human MAOB (NP_000889.3).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	Monoamine Oxidase B (MAOB)
Alternative Name:	MAOB (MAOB Products)
Background:	The protein encoded by this gene belongs to the flavin monoamine oxidase family. It is a enzyme located in the mitochondrial outer membrane. It catalyzes the oxidative deamination of biogenic and xenobiotic amines and plays an important role in the metabolism of neuroactive and vasoactive amines in the central nervous system and peripheral tissues. This protein

Target Details

preferentially degrades benzylamine and phenylethylamine.

Molecular Weight: Observed_MW: 58 kDa
Calculated_MW: 46 kDa/58 kDa

Gene ID: 4129

UniProt: [P27338](#)

Application Details

Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

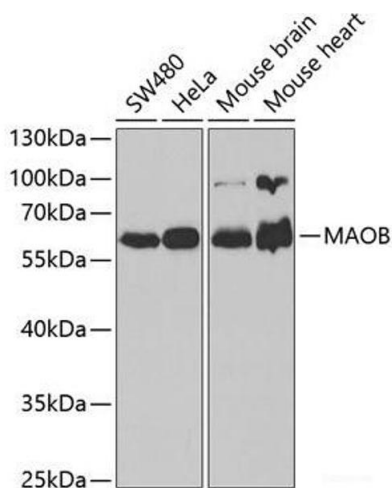
Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines using MAOB Polyclonal Antibody at dilution of 1:1000.