

Datasheet for ABIN7143989

anti-Monoamine Oxidase B antibody (AA 2-489)[Go to Product page](#)**3** Images

Overview

Quantity:	100 µg
Target:	Monoamine Oxidase B (MAOB)
Binding Specificity:	AA 2-489
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Monoamine Oxidase B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Amine oxidase [flavin-containing] B protein (2-489AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

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 important functions in the metabolism of neuroactive and vasoactive amines in the central

Target Details

nervous system and peripheral tissues. MAOB preferentially degrades benzylamine and phenylethylamine.

Aliases: Adrenalin oxidase antibody, Amine oxidase (flavin containing) antibody, Amine oxidase [flavin-containing] B antibody, AOFB_HUMAN antibody, MAO, brain antibody, MAO, platelet antibody, MAO-B antibody, MAOB antibody, MGC26382 antibody, Monoamine oxidase B antibody, Monoamine oxidase type B antibody, OTTHUMP00000023166 antibody, Tyramine oxidase antibody

UniProt: [P27338](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

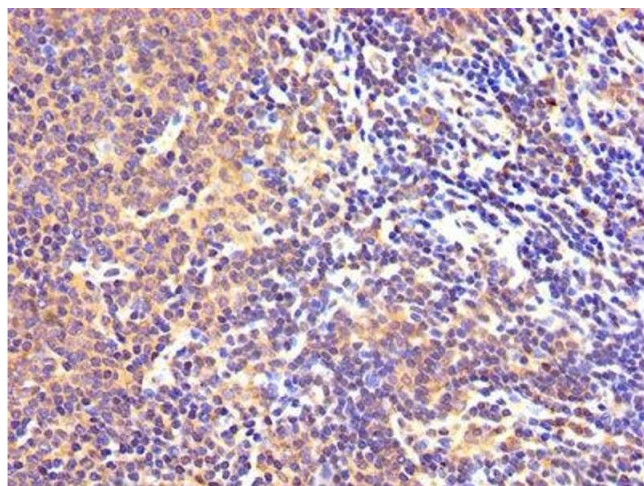
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

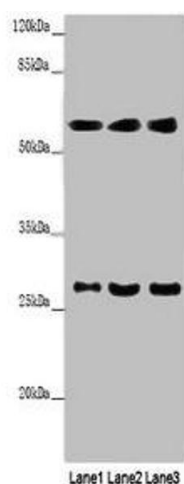
Storage: -20 °C, -80 °C

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



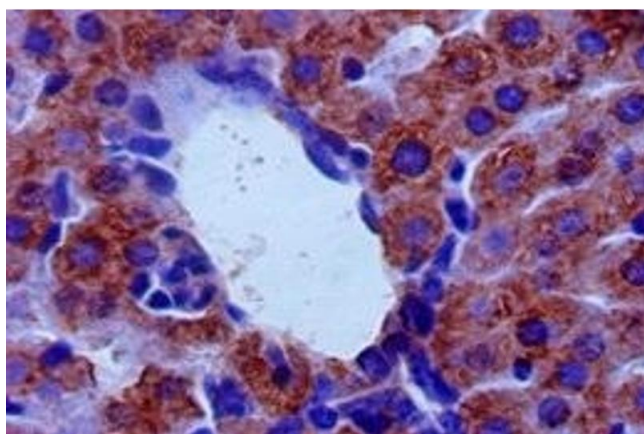
Immunohistochemistry

Image 1. IHC image of ABIN7143989 diluted at 1:300 and staining in paraffin-embedded human lymph node 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 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western blot All lanes: MAOB antibody at 9 µg/mL
Lane 1: Mouse liver tissue Lane 2: HepG2 whole cell lysate
Lane 3: A549 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 59, 47 kDa Observed band size: 59, 27 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded mouse liver tissue using ABIN7143989 at dilution of 1:50