

Anti-Monoamine Oxidase B Rabbit Monoclonal Antibody
Catalog # ABO15446**Specification****Anti-Monoamine Oxidase B Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC
Primary Accession	P27338
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-Monoamine Oxidase B Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human.

Anti-Monoamine Oxidase B Rabbit Monoclonal Antibody - Additional Information

Gene ID 4129

Other Names

Amine oxidase [flavin-containing] B, 1.4.3.21, 1.4.3.4, Monoamine oxidase type B, MAO-B, MAOB (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=6834)
HGNC:6834

Calculated MW

59 kDa KDa

Application Details

WB 1:500-1:2000
IHC 1:50-1:200

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Monoamine Oxidase B

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-Monoamine Oxidase B Rabbit Monoclonal Antibody - Protein Information

Name MAOB ([HGNC:6834](#))

Function

Catalyzes the oxidative deamination of primary and some secondary amines such as neurotransmitters, and exogenous amines including the tertiary amine, neurotoxin 1-methyl-4-phenyl-1,2,3,6- tetrahydropyridine (MPTP), with concomitant reduction of oxygen to hydrogen peroxide and participates in the metabolism of neuroactive and vasoactive amines in the central nervous system and peripheral tissues (PubMed:

[11049757](http://www.uniprot.org/citations/11049757), PubMed:[11134050](http://www.uniprot.org/citations/11134050), PubMed:[20493079](http://www.uniprot.org/citations/20493079), PubMed:[8316221](http://www.uniprot.org/citations/8316221), PubMed:[8665924](http://www.uniprot.org/citations/8665924)). Preferentially degrades benzylamine and phenylethylamine (PubMed:[11049757](http://www.uniprot.org/citations/11049757), PubMed:[11134050](http://www.uniprot.org/citations/11134050), PubMed:[20493079](http://www.uniprot.org/citations/20493079), PubMed:[8316221](http://www.uniprot.org/citations/8316221), PubMed:[8665924](http://www.uniprot.org/citations/8665924)).

Cellular Location

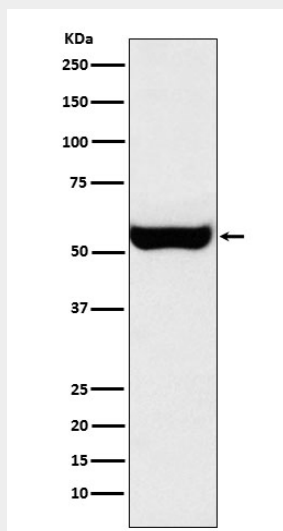
Mitochondrion outer membrane; Single-pass type IV membrane protein; Cytoplasmic side

Anti-Monoamine Oxidase B Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Monoamine Oxidase B Rabbit Monoclonal Antibody - Images



Western blot analysis of Monoamine Oxidase B expression in SH-SY5Y cell lysate.