

MAOB Polyclonal Antibody

Catalog number: 12602-1-AP

Size: 25 µg/150 µl

Source: Rabbit

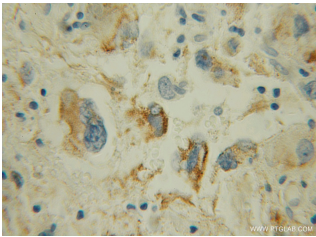
Isotype: IgG

Synonyms:

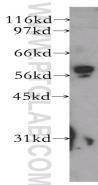
MAOB; MAO B, MAOB,

Monoamine Oxidase B,

Monoamine oxidase type B



Immunohistochemical of paraffin-embedded human gliomas using 12602-1-AP(MAOB antibody) at dilution of 1:100 (under 10x lens)



human liver tissue were subjected to SDS PAGE followed by western blot with 12602-1-AP(MAOB antibody) at dilution of 1:300

Background

The MAOB gene encodes a 520-amino acid protein with a molecular mass of 58.8 kD and shows 70% amino acid identity to MAOA. MAOA and MAOB are present in the outer mitochondrial membrane in the central nervous system and peripheral tissues. A comparison of highly purified human placental MAOA and human liver MAOB revealed that the A form of the enzyme is larger by 2 kDa and only one potential N-glycosylation site exists in each protein, with each site in a different relevant position (PMID:3387449).

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IF, IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Mouse
Calculated MAOB MW:	520aa, 59 kDa
Observed MAOB MW:	59 kDa
Positive WB detected in	Human liver tissue, mouse liver tissue
Positive IHC detected in	Human gliomas tissue
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3253
GenBank accession number:	BC022494
Gene ID (NCBI):	4129
Full name:	Monoamine oxidase B

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.