

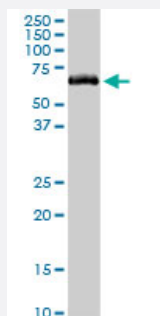
MaxPab®

MAOB purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004129-D01P

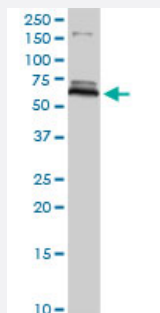
Size 100 ug

Applications



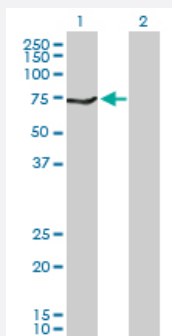
Western Blot (Tissue lysate)

MAOB MaxPab rabbit polyclonal antibody. Western Blot analysis of MAOB expression in mouse liver.



Western Blot (Tissue lysate)

MAOB MaxPab rabbit polyclonal antibody. Western Blot analysis of MAOB expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of MAOB expression in transfected 293T cell line ([H00004129-T02](#)) by MAOB MaxPab polyclonal antibody.

Lane 1: MAOB transfected lysate(58.80 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human MAOB protein.

Immunogen	MAOB (NP_000889.3, 1 a.a. ~ 520 a.a) full-length human protein.
Sequence	MSNKCDVVVVGGGISGMAAAKLLHDSGLNVVVLEARDRVGGRTYTLRNQKVKYVDLGGSYVGPT QNRILRLAKELGLETYKVNEVERLIHHVKGKSYFPGFPFPVWNPITYLDHNNFWRTMDDMGREIP SDAPWKAPLAEEDWNMTMKELLDKLCWTESAKQLATLFVNLCVTAETHEVSALWFLWYVKQC GGTTRIISTTNGGQERKFVGGSGQVSERIMDLLGDRVKLERPVIMDQTRENVLVETLNHEMYEAKY VISAIPPTLGMKIHFNPLPMMRNQMITRVPLGSVIKCVYYKEPFWRKDYCGTMIIDGEEAPVAYTL DDTKPEGNYAAIMGFILAHKARKLARLTKEERLKKLCELYAKVLGSLEALEPVHYEKNWCCEEQY SGGCYTTYFPPGILTQYGRVLRQPVDRIFAGTETATHWSGYMEGAVEAGERAAAREILHAMGKIPE DEIWQSEPESDVPAQPIITTFLEHRLPSVPGLRLIGLTTIFSATALGFLAHKRGLLVRV
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (89); Rat (88)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

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Western Blot analysis of MAOB expression in transfected 293T cell line ([H00004129-T02](#)) by MAOB MaxPab polyclonal antibody.

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Gene Info — MAOB

Entrez GeneID [4129](#)

GeneBank Accession# [NM_000898](#)

Protein Accession# [NP_000889.3](#)

Gene Name MAOB

Gene Alias MGC26382

Gene Description monoamine oxidase B

Omim ID [309860](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 preferentially degrades benzylamine and phenylethylamine. [provided by RefSeq]

Other Designations MAO, brain|MAO, platelet|adrenalin oxidase|tyramine oxidase

Pathway

- [Arginine and proline metabolism](#)
- [Drug metabolism - cytochrome P450](#)
- [Glycine](#)
- [Histidine metabolism](#)
- [Metabolic pathways](#)
- [Phenylalanine metabolism](#)
- [Tryptophan metabolism](#)
- [Tyrosine metabolism](#)

Disease

- [Alcoholism](#)
- [Alzheimer disease](#)
- [Asperger Syndrome](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Basal Ganglia Diseases](#)
- [Body Weight](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Combat Disorders](#)
- [Conduct Disorder](#)
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- [Disease Models](#)
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- [Genetic Predisposition to Disease](#)
- [Genetics](#)
- [Hallucinations](#)
- [Hepatitis](#)
- [Lewy Body Disease](#)
- [Mental Disorders](#)

- [Migraine Disorders](#)
- [NARP](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Pain](#)
- [Parkinson disease](#)
- [Perception](#)
- [Polycystic Ovary Syndrome](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Puberty](#)
- [Restless Legs Syndrome](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Social Perception](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)