

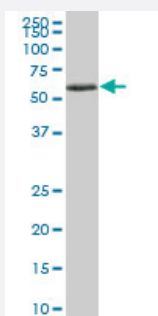
MaxPab®

MAOB purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004129-B01P

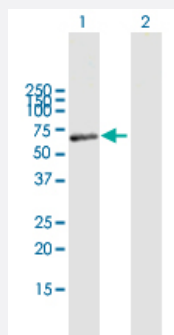
Size 50 ug

Applications



Western Blot (Tissue lysate)

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

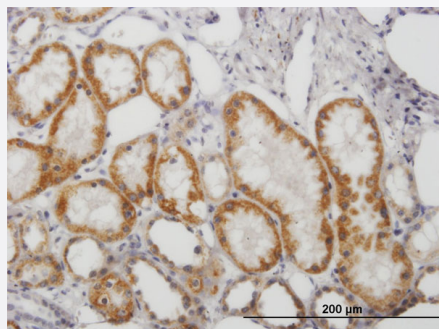


Western Blot (Transfected lysate)

Western Blot analysis of MAOB expression in transfected 293T cell line ([H00004129-T01](#)) by MAOB MaxPab polyclonal antibody.

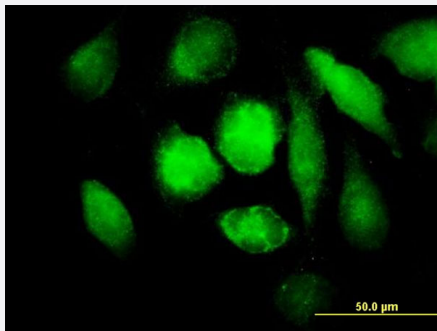
Lane 1: MAOB transfected lysate(57.2 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to MAOB on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to MAOB on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse 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 GGTTRIISTTNGGQERKFVGGSGQVSERIMDLLGDRVKLERPVMIDQTRENVLVETLNHEMYEAKY VISAIPPTLGMKIHFNPLPMMRNQMTRVPLGSVIKCVYYKEPFWRKDYCGTMIIDGEEAPVAYTL DDTKPEGNYAAMGFILAHKARKLARLTKEERLKKLCELYAKVLGSLEALEPVHYEKNWCEEQY SGGCYTTYFPPGILTQYGRVLRQPVDRYFAGTETATHWSGYMEGAVEAGERAAREILHAMGKIPE DEIWQSEPEVDVPAQPITTTFLERHLPSVPGLRLIGLTTIFSATALGFLAHKRGLLVRV
Host	Mouse
Reactivity	Human
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)

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

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of MAOB expression in transfected 293T cell line ([H00004129-T01](#)) by MAOB MaxPab polyclonal antibody.

Lane 1: MAOB transfected lysate(57.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to MAOB on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to MAOB on HeLa cell. [antibody concentration 10 ug/ml]

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

Publication Reference

- [Novel Nonclassic Progesterone Receptor PGRMC1 Pulldown-Precipitated Proteins Reveal a Key Role During Human Decidualization.](#)

Stefania Salsano, Roberto González-Martín, Alicia Quiñonero, Soraya López-Martín, Ana Pilar Gómez-Escribano, Silvia Pérez-Debén, Maria Yañez-Mo, Francisco Domínguez.

Fertility and Sterility 2020 May; 113(5):1050.

Application: Quant, Human, Human endometrial stromal cells

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](#)
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- [Perception](#)
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- [Weight Gain](#)