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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MAOA purified MaxPab mouse polyclonal antibody (B02P) MaxPab®

Catalog # : H00004128-B02P

規格 : [50 ug]

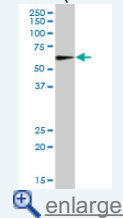
List All

Specification

Product Description:	Mouse polyclonal antibody raised against a full-length human MAOA protein.
Immunogen:	MAOA (NP_000231.1, 1 a.a. ~ 527 a.a) full-length human protein.
Sequence:	MENQEKASIAGHMFDDVVIGGGISGLSAKLLTEYGVSVLVLEARDRVGG RTYTIRNEHVDYVDVGGAYVGPTQNRILRLSKELGIETYKVNVSERLVQY VKGKTYPFARGAFPVWNPIAYLDYNNLWRTIDNMGKEIPTDAPWEAQHA DKWDKMTMKELIDKICWTKTARRFAYLFVNINMTSEPHEVSALWFLWYVK QCGGTRIFSVTNGGQERKFVGGSGQVSERIMDLLGDQVKLNHPVTHV DQSSDNIIETLNHEHYECKYVINAIPPTLTAKIHFPELPAERNQLIQRLPM GAVIKCMMYYKEAFWKKKDYCGMIEDEDAPISITLDDTKPDGSLPAIMG FILARKADRLAKLHKEIRKKKICELYAKVLGSQEALHPVHYEENWCEEQY SGGCYTAYFPPGIMTQYGRVIRQPVGRIFAGTETATKWSGYMEGAVE AGERAAAREVLNGLGKVTEKDIWVQEPESKDVPAVEITHTFWERNLPSVS GLLKIIGFSTSVTALGFVLKYKLLPRS
Host:	Mouse
Reactivity:	Human
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.
MSDS:	 Download
Datasheet:	 Download

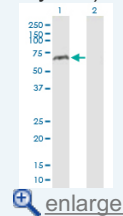
Application Image


Western Blot (Tissue lysate)



 enlarge

Western Blot (Transfected lysate)



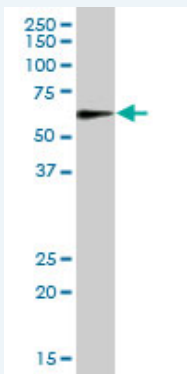
 enlarge

Publication Reference

1. [MicroRNA-132 dysregulation in Toxoplasma gondii infection has implications for dopamine signaling pathway.](#)
Xiao J, Li Y, Prandovszky E, Karuppagounder SS, Talbot CC Jr, Dawson VL, Dawson TM, Yolken RH. *Neuroscience*. 2014 Mar 18;268C:128-138. doi: 10.1016/j.neuroscience.2014.03.015.
2. [Abnormalities of neurotransmitter and neuropeptide systems in human neuroepithelioma cells infected by three Toxoplasma strains.](#)
Xiao J, Li Y, Jones-Brando L, Yolken RH. *J Neural Transm*. 2013 Jul 3.

Applications

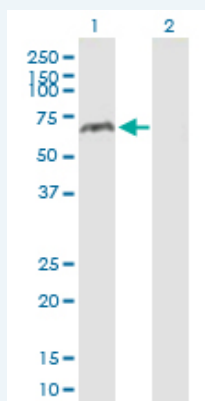
Western Blot (Tissue lysate)



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

 [Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of MAOA expression in transfected 293T cell line ([H00004128-T02](#)) by MAOA MaxPab polyclonal antibody.

Lane 1: MAOA transfected lysate(57.97 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [4128](#)

GeneBank [NM_000240.2](#)

Accession#:

Protein [NP_000231.1](#)

Accession#:

Gene Name: MAOA

Gene Alias: -

Gene monoamine oxidase A

Description:

Omim ID: [309850](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes monoamine oxidase A, an enzyme that degrades amine neurotransmitters, such as dopamine, norepinephrine, and serotonin. The protein localizes to the mitochondrial outer membrane. The gene is adjacent to a related gene on the opposite strand of chromosome X. Mutation in this gene results in monoamine oxidase deficiency, or Brunner syndrome. [provided by RefSeq]

Other OTTHUMP00000023165

Designations:

Gene Pathway

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

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[Attention Deficit and Disruptive Behavior Disorders](#)
[Attention Deficit Disorder with Hyperactivity](#) [Autistic Disorder](#) [Avoidance Learning](#)
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