



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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Product Number	ARP56075_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/maoa-antibody-middle-region-hrp-arp56075-p050-hrp.html">www.avivasysbio.com/maoa-antibody-middle-region-hrp-arp56075-p050-hrp.html</a>
Name	MAOA Antibody - middle region : HRP (ARP56075_P050-HRP)
Protein Size (# AA)	527 amino acids
Molecular Weight	60kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	4128
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Monoamine oxidase A
Alias Symbols	BRNRS, MAO-A
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">NINVTSEPHEVSALWFLWYVKQCGGTTRIFSVTNGGQERKFVGGSGQVSE</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Shiels, M.S., (2008) <i>Prev Med</i> 47 (1), 116-122
Description of Target	MAOA catalyzes the oxidative deamination of biogenic and xenobiotic amines and has important functions in the metabolism of neuroactive and vasoactive amines in the central nervous system and peripheral tissues. MAOA preferentially oxidizes biogenic amines such as 5-hydroxytryptamine (5-HT), norepinephrine and epinephrine. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	NDRG1; UBC; MAOA;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for <a href="#">anti-MAOA (ARP56075_P050-HRP) antibody</a>
Blocking Peptide	For anti-MAOA (ARP56075_P050-HRP) antibody is <a href="#">Catalog# AAP56075</a> (Previous Catalog# AAPP37540)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MAOA
Uniprot ID	<a href="#">P21397</a>
Protein Name	Amine oxidase [flavin-containing] A
Protein Accession #	<a href="#">NP_000231</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_000240</a>
Gene Symbol	<a href="#">MAOA</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Zebrafish
Application	WB

<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 93%; Dog: 100%; Guinea Pig: 92%; Horse: 93%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 92%
<b>Image 1</b>	 A schematic diagram of a Y-shaped antibody molecule, consisting of four heavy chain arms and two light chain arms, forming a Y-shape.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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