



Datasheet for ABIN517731

anti-Monoamine Oxidase A antibody (AA 1-527)



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Overview

Quantity:	50 µg
Target:	Monoamine Oxidase A (MAOA)
Binding Specificity:	AA 1-527
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This Monoamine Oxidase A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	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:	MENQEKASIA GHMFDVVVIG GGISGLSAAK LLTEYGVSVL VLEARDRVGG RTYTIRNEHV DYVDVGGAYV GPTQNRILRL SKELGIETYK VNVSERLVQY VKGKTYPFRG AFPPVWNPIA YLDYNNLWRT IDNMGKEIPT DAPWEAQHAD KWDKMTMKEL IDKICWTKTA RRFAYLFVNI NVTSEPHEVS ALWFLWYVKQ CGGTTRIFSV TNGGQERKFV GGSGQVSERI MDLLGDQVKL NHPVTHVDQS SDNIIETLN HEHYECKYVI NAIPPTLTAK IHFRPELPAE RNQLIQRLPM GAVIKCMMYY KEAFWKKKDY CGCMIIEDED APISITLDDT KPDGSLP AIM GFILARKADR LAKLHKEIRK KKICELYAKV LGSQEALHPV HYEKNWCEE QYSGGCYTAY FPPGIMTQYG RVIRQPVGRI FFAGTETATK WSGYMEGAVE AGERAAREVL NGLGKVTEKD IWWQEPESKD VPAVEITHTF WERNLPSVSG LLKIIGFSTS VTALGFVLYK YKLLPRS

Product Details

Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	Monoamine Oxidase A (MAOA)
Alternative Name:	MAOA (MAOA Products)
Background:	Full Gene Name: monoamine oxidase A Synonyms:
Gene ID:	4128
NCBI Accession:	NM_000240

Application Details

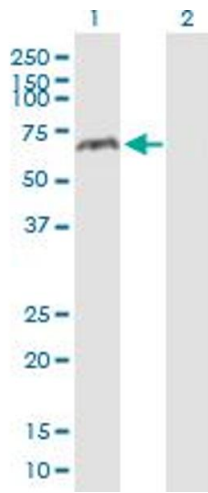
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	<p>Xiao, Li, Prandovszky, Karuppagounder, Talbot, Dawson, Dawson, Yolken: "MicroRNA-132 dysregulation in <i>Toxoplasma gondii</i> infection has implications for dopamine signaling pathway." in: Neuroscience, Vol. 268, pp. 128-38, (2014) (PubMed).</p> <p>Xiao, Li, Jones-Brando, Yolken: "Abnormalities of neurotransmitter and neuropeptide systems in human neuroepithelioma cells infected by three <i>Toxoplasma</i> strains." in: Journal of neural transmission (Vienna, Austria : 1996), Vol. 120, Issue 12, pp. 1631-9, (2013) (PubMed).</p>
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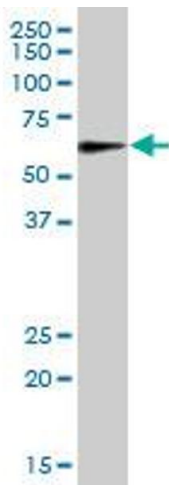


Western Blotting

Image 1. Western Blot analysis of MAOA expression in transfected 293T cell line by MAOA MaxPab polyclonal antibody.

Lane 1: MAOA transfected lysate(57.97 KDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 2. MAOA MaxPab polyclonal antibody. Western Blot analysis of MAOA expression in human liver.