

Datasheet for ABIN631037

anti-Monoamine Oxidase A antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	Monoamine Oxidase A (MAOA)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Monoamine Oxidase A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	MAOA antibody was raised using the N terminal of MAOA corresponding to a region with amino acids GPTQNRILRLSKELGIETYKVNVSERLVQYVKGKTYPFARGAFPVWNPIA
Specificity:	MAOA antibody was raised against the N terminal of MAOA
Purification:	Affinity purified

Target Details

Target:	Monoamine Oxidase A (MAOA)
Alternative Name:	MAOA (MAOA Products)
Background:	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

Target Details

	5-hydroxytryptamine (5-HT), norepinephrine and epinephrine.
Molecular Weight:	60 kDa (MW of target protein)

Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	MAOA Blocking Peptide, catalog no. 33R-3485, is also available for use as a blocking control in assays to test for specificity of this MAOA antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of MAOA antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Western Blotting

Image 1. MAOA antibody used at 1 ug/ml to detect target protein.