

## Datasheet for ABIN631037

# anti-Monoamine Oxidase A antibody (N-Term)





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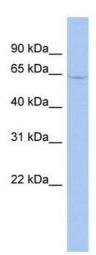
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Overview			
Quantity:	100 μL		
Target:	Monoamine Oxidase A (MAOA)		
Binding Specificity:	N-Term		
Reactivity:	Human, Mouse, Rat, Dog		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This Monoamine Oxidase A antibody is un-conjugated		
Application:	Western Blotting (WB)		
Product Details			
Immunogen:	MAOA antibody was raised using the N terminal of MAOA corresponding to a region with amino		
	acids GPTQNRILRLSKELGIETYKVNVSERLVQYVKGKTYPFRGAFPPVWNPIA		
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**

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	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.