

# Product Datasheet

## MAO-A Antibody NB100-2417

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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### Publications: 1

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**NB100-2417**

## MAO-A Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

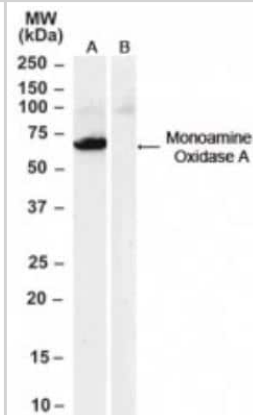
Product Description	
Description	Novus Biologicals Goat MAO-A Antibody (NB100-2417) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-MAO-A Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	4128
Gene Symbol	MAOA
Species	Human
Immunogen	Peptide with sequence C-DAPWEAQHADKWDK corresponding to internal region according to NP_000231.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/mL, Immunohistochemistry, Immunohistochemistry-Paraffin 5 ug/mL, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Approx. 70 kDa band observed in human heart lysates o(calculated MW of 60.0 kDa band according to NP_000231.1). Please note that there may be non-specific background in WB.

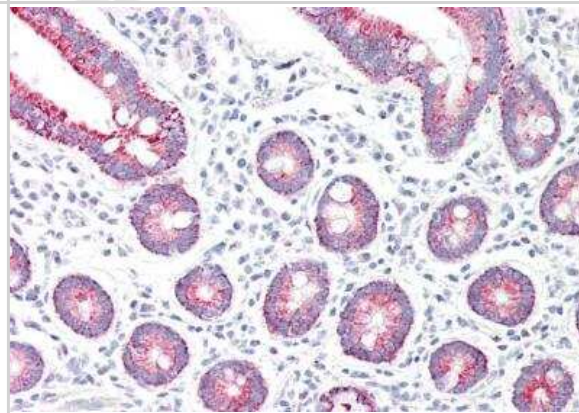


## Images

Western Blot: MAO-A Antibody [NB100-2417] - Analysis of MAO-A in Human Heart lysate using this antibody at 0.3 ug/mL with (B) and without (A) blocking with the immunising peptide. Antibody at 0.3 ug/mL. Detected by chemiluminescence.



Immunohistochemistry-Paraffin: MAO-A Antibody [NB100-2417] - Staining of paraffin embedded Human Small Intestine. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: MAO-A Antibody [NB100-2417] - Staining of paraffin embedded Human Placenta. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Domschke K, Sheehan K, Lowe N et al. Association analysis of the monoamine oxidase A and B genes with attention deficit hyperactivity disorder (ADHD) in an Irish sample: Preferential transmission of the MAO-A 941G allele to affected children. *Am J Med Genet B Neuropsychiatr Genet* 2005-04-05 [PMID: 15717295]



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### **Products Related to NB100-2417**

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NB820-59217	Human Heart Whole Tissue Lysate (Adult Whole Normal)
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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