

# Product Datasheet

## Aspartate Aminotransferase Antibody NB100-93403

Unit Size: 0.1 mg

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

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**NB100-93403**

## Aspartate Aminotransferase 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 Aspartate Aminotransferase Antibody (NB100-93403) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Aspartate Aminotransferase Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	2805
Gene Symbol	GOT1
Species	Human
Immunogen	Peptide with sequence C-RSYRYWDAEKR corresponding to internal region according to NP_002070.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.01 - 1 ug/ml, Immunohistochemistry 2 - 5 ug/ml, Immunohistochemistry-Paraffin 2 - 5 ug/ml, Peptide ELISA Detection limit 1:4000
Application Notes	WB: Approx 40 kDa band observed in human brain (cerebellum), Liver and skeletal muscle lysates (calculated MW of 46.2 kDa according to NP_002070.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (PMID: 2185471). IHC: Human heart shows strong staining of the capillary network between the myocardial fibres in transverse section.

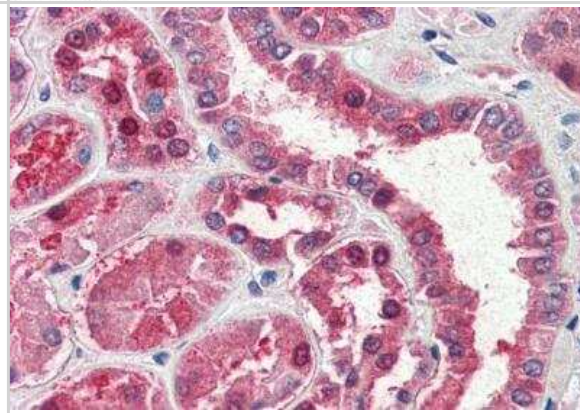


## Images

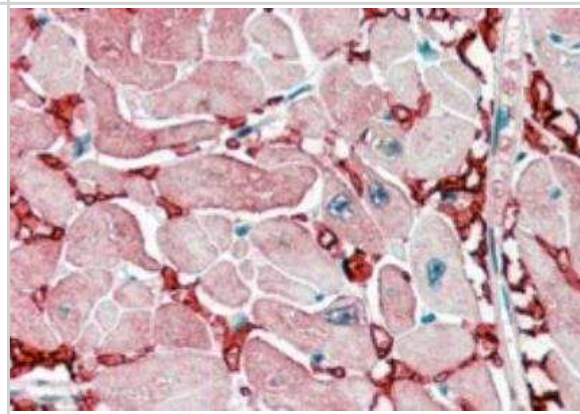
Western Blot: Aspartate Aminotransferase Antibody [NB100-93403] - Staining of human liver lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

Immunohistochemistry-Paraffin: Aspartate Aminotransferase Antibody [NB100-93403] - Staining of human kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: Aspartate Aminotransferase Antibody [NB100-93403] - Staining of human heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Teichberg VI. From the liver to the brain across the blood-brain barrier. Proc Natl Acad Sci U S A 2007-05-01 [PMID: 17463093]



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### **Products Related to NB100-93403**

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NBL1-11207	Aspartate Aminotransferase Overexpression Lysate
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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