

# Product Datasheet

## ALDH6A1 Antibody NBP1-52101

Unit Size: 0.1 mg

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

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**NBP1-52101**

ALDH6A1 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	
Host	Goat
Gene ID	4329
Gene Symbol	ALDH6A1
Species	Human, Mouse, Rat
Immunogen	Peptide with sequence C-SRSSFRGDTN corresponding to internal region according to NP_005580.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, Immunohistochemistry 5 - 10 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 55 kDa band observed in human, mouse and rat kidney lysates (calculated MW of 57.8 kDa band according to NP_005580.1). IHC-P: Human liver shows textured staining of the cytoplasm consistent with mitochondria.

**Images**

Western Blot: ALDH6A1 Antibody [NBP1-52101] - Analysis of ALDH6A1 in Mouse Kidney lysate (35ug protein in RIPA buffer) using this antibody at 0.1 ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.

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

**Publications**

Alnouti Y, Klaassen CD. Tissue distribution, ontogeny, and regulation of aldehyde dehydrogenase (Aldh) enzymes mRNA by prototypical microsomal enzyme inducers in mice. Toxicol Sci 2008-01-01 [PMID: 17998271]



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### **Products Related to NBP1-52101**

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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
NBP2-52090-0.02mg	Recombinant Human ALDH6A1 His Protein

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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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