

# Product Datasheet

## ALDH3B1 Antibody NBP1-52054

Unit Size: 0.1 mg

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

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**NBP1-52054**

## ALDH3B1 Antibody

Product Information	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
<b>Target Molecular Weight</b>	52 kDa

Product Description	
<b>Description</b>	Novus Biologicals Goat ALDH3B1 Antibody (NBP1-52054) is a polyclonal antibody validated for use in WB and ELISA. Anti-ALDH3B1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	221
<b>Gene Symbol</b>	ALDH3B1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody is expected to recognize isoform a (NP_000685.1) only. This antibody is not expected to cross react with ALDH3B2. Reported variants represent identical protein: NP_000685.1, NP_001154945.1
<b>Immunogen</b>	Peptide with sequence C-QDLHKSAFESEVSE corresponding to internal region according to NP_000685.1.

Product Application Details	
<b>Applications</b>	Western Blot, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.3 - 1 ug/ml, Peptide ELISA Detection limit 1:16000
<b>Application Notes</b>	WB: Approx. 55 kDa band observed in human peripheral blood mononucleocytes and in K562 lysates (calculated MW of 51.8 kDa band according to NP_000685.1).

**Images**

Western Blot: ALDH3B1 Antibody [NBP1-52054] - NBP1-52054 (0.3ug/ml) staining of K562 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



## Publications

Wang Y, Hu Y, Fang Y et al. Evidence of epistasis between the catechol-O-methyltransferase and aldehyde dehydrogenase 3B1 genes in paranoid schizophrenia. *Biol Psychiatry* 2009-06-15 [PMID: 19159868]





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### **Products Related to NBP1-52054**

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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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