

Product Datasheet

ALDH5A1 Antibody NBP1-52099

Unit Size: 0.1 mg

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

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NBP1-52099

ALDH5A1 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 ALDH5A1 Antibody (NBP1-52099) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-ALDH5A1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	7915
Gene Symbol	ALDH5A1
Species	Human, Mouse, Rat
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_733936.1; NP_001071.1). Amino acid numbering in name calculated from NP_733936.1.
Immunogen	Peptide with sequence C-SQDPAQIWRVAE corresponding to internal region according to NP_001071.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Immunohistochemistry 5 - 10 ug/ml, Immunohistochemistry-Paraffin 1:10-1:500, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 55 kDa band observed in human liver lysates (calculated MW of 58.7 kDa band according to NP_733936.1). Please note that both this product and EB10436 detects a 50 kDa band in mouse and rat liver lysates (calculated MW of 56.0 kDa band according to mouse NP_766120.1). IHC-P: Human liver shows heavy textured cytoplasm staining in hepatocytes, consistent with mitochondria.

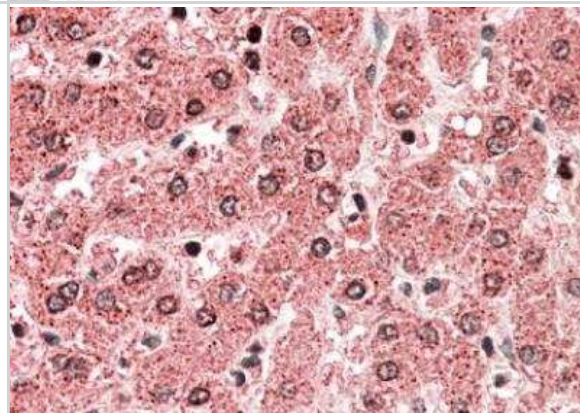


Images

Western Blot: ALDH5A1 Antibody [NBP1-52099] (0.5ug/ml) staining of Human Liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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

Immunohistochemistry-Paraffin: ALDH5A1 Antibody [NBP1-52099] - (5g/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Joslyn G, Ravindranathan A, Brush G et al. Human variation in alcohol response is influenced by variation in neuronal signaling genes. Alcohol Clin Exp Res 2010-05-01 [PMID: 20201926]



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Products Related to NBP1-52099

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

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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