Product Datasheet

Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody NBP1-52052

Unit Size: 0.1 mg

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

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NBP1-52052

Aldehyde Dehydrogenase 3-A1/ALDH3A1 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	218
Gene Symbol	ALDH3A1
Species	Human, Mouse
Specificity/Sensitivity	Reported variants represent identical protein: NP_001128639.1, NP_000682.3, NP_001128640.1
Immunogen	Peptide with sequence C-RYPPSPAKMTQH corresponding to C-Terminus according to NP_000682.3.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.01 - 0.03 ug/ml, Immunohistochemistry 3 - 5 ug/ml, Immunohistochemistry-Paraffin 3-5 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 55 kDa band observed in mouse eye lysates (calculated MW of 50.5 kDa band according to mouse NP_031462.2). IHC-P: Human Lung shows strong staining of the respiratory epithelium of the tracheal wall.



250kDa

150kDa

100kDa

75kDa 50kDa 37kDa

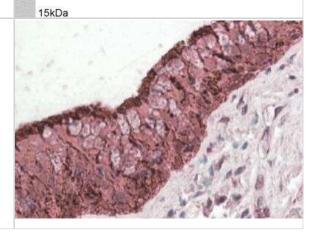
25kDa

20kDa

Images

Western Blot: Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody [NBP1 -52052] - (0.01ug/ml) staining of Mouse Eye lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Immunohistochemistry-Paraffin: Aldehyde Dehydrogenase 3-A1/ALDH3A1 Antibody [NBP1-52052] - Staining of paraffin embedded Human Lung. Steamed antigen retrieval with citrate buffer pH 6, APstaining.



Publications

Bogucka M, Giebultowicz J, Zawada K et al. The oxidation status of ALDH3A1 in human saliva and its correlation with antioxidant capacity measured by ORAC method. Acta Pol Pharm 2009-09-01 [PMID: 19894643]





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Products Related to NBP1-52052

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
NBP2-47551PEP	Aldehyde Dehydrogenase 3-A1/ALDH3A1 Recombinant Protein Antigen

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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