

Product Datasheet

ALDH1A1/ALDH1 Antibody (orb1538697)

Catalog Number	orb1538697
Category	Antibodies
Description	ALDH1A1/ALDH1 Antibody
Target	ALDH1A1 / ALDH1
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG2a,k
Conjugation	Unconjugated
Reactivity	Human
Concentration	1 mg/ml
Buffer/Preservatives	PBS, pH 7.4
Purification	Purified from ascites by Protein A
Immunogen	ALDH1A1 (AAH01505, 1 aa ~ 502 aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Tested applications	ELISA, IHC-P, IP, WB
Dilution range	ELISA, IHC-P (5 µg/ml), IP, WB (1:500 - 1:1000)
Application notes	Further information: Immunohistochemistry: Formalin-fixed paraffin-embedded sections. Sandwich ELISA: Recombinant protein. Western Blot: Transfected lysate, Recombinant protein.

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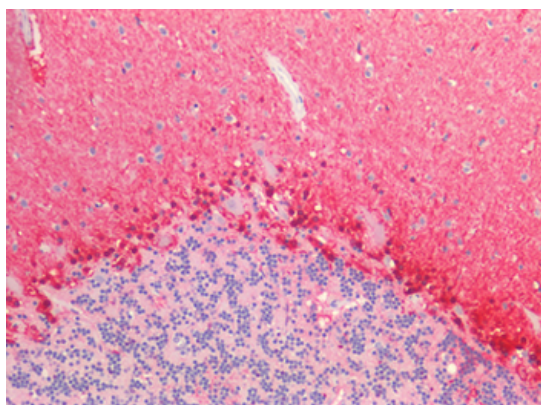
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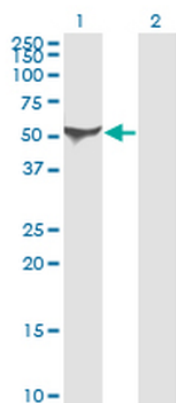
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Specificity	Human ALDH1A1
Clone Number	1G6
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Human Brain, Cerebellum: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western blot of ALDH1A1 expression in transfected 293T cell line. Lane 1: ALDH1A1 transfected lysate (Predicted MW: 54.9 KDa). Lane 2: Non-transfected lysate.

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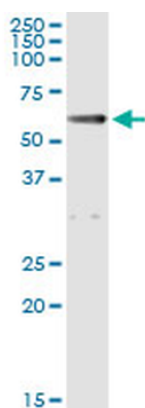
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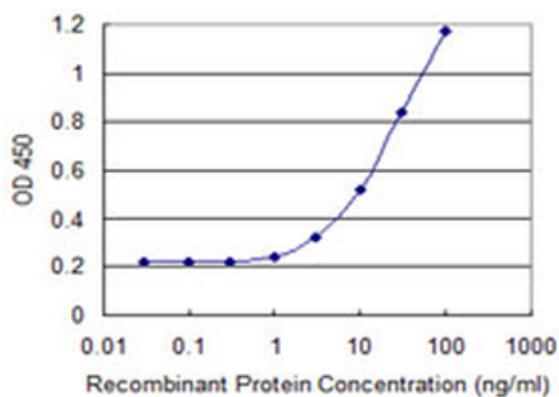
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Immunoprecipitation of ALDH1A1 transfected lysate using anti-ALDH1A1 monoclonal antibody and Protein A Magnetic Bead.



Detection limit for recombinant GST tagged ALDH1A1 is 1 ng/ml as a capture antibody.

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