

Product Datasheet

ALDH5A1 Antibody (17F5) - BSA Free NBP2-59409-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 1

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NBP2-59409-100ul

ALDH5A1 Antibody (17F5) - BSA Free

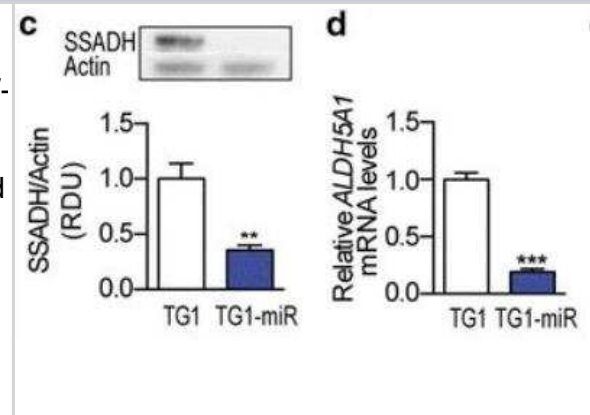
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	17F5
Preservative	0.02% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A purified
Buffer	PBS (pH 7.4), 10% Glycerol

Product Description	
Description	Novus Biologicals Mouse ALDH5A1 Antibody (17F5) - BSA Free (NBP2-59409) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-ALDH5A1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7915
Gene Symbol	ALDH5A1
Species	Human
Immunogen	Recombinant human ALDH5A1 (48-535aa) purified from E. coli

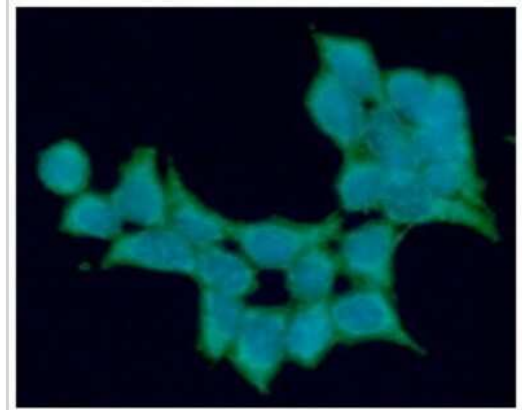
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100

Images

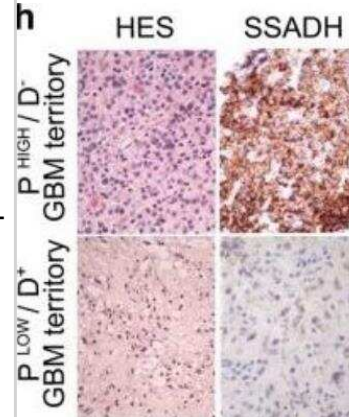
Western Blot: ALDH5A1 Antibody (17F5) [NBP2-59409] - Figure c: Downregulation of the ALDH5A1 protein product SSADH in TG1-miR. Western blot analysis. SSADH MW, 57 kDa; Actin MW, 42 kDa. Mean +/- SD, n = 3 independent biological samples. Figure d: Decreased ALDH5A1 mRNA levels in TG1-miR compared to TG1. Q-PCR assays. Mean +/- SD, n = 3 independent biological samples. Image collected and cropped by CiteAb from the following publication (link.springer.com/10.1007/s00401-016-1659-5), licensed under a CC-BY license.



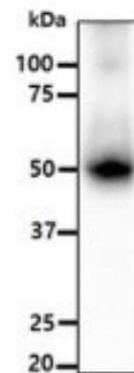
Immunocytochemistry/Immunofluorescence: ALDH5A1 Antibody (17F5) [NBP2-59409] - Analysis of ALDH5A1 in 293T cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human ALDH5A1 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



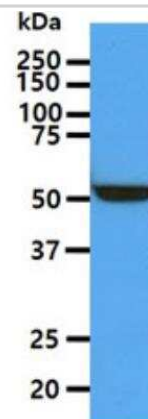
Immunohistochemistry: ALDH5A1 Antibody (17F5) [NBP2-59409] - SSADH immunoreactive cells are enriched in proliferative/non-differentiated GBM territories (PHIGH/D-) and rare in non-proliferative/differentiated (PLOW/D+) tumor territories of patients' GBM, as revealed by immunohistochemical staining. HES: hematoxylin and eosin staining. Scale bar 100 um. Image collected and cropped by CiteAb from the following publication (link.springer.com/10.1007/s00401-016-1659-5), licensed under a CC-BY license.



Western Blot: ALDH5A1 Antibody (17F5) [NBP2-59409] - Analysis in HepG2 cell lysates (40ug), resolved by SDS-PAGE.



Western Blot: ALDH5A1 Antibody (17F5) [NBP2-59409] - The HepG2 cell lysate (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human ALDH5A1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



Publications

EI-Habr E A, Dubois L G et al. A driver role for GABA metabolism in controlling stem and proliferative cell state through GHB production in glioma. *Acta Neuropathol* 2017-01-04 [PMID: 28032215] (WB, IF/IHC, Human)



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Products Related to NBP2-59409-100ul

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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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