

## Product Datasheet

### ALDH6A1 Antibody (orb1939413)

<b>Catalog Number</b>	orb1939413
<b>Category</b>	Antibodies
<b>Description</b>	Purified Mouse Monoclonal Antibody (Mab)
<b>Target</b>	ALDH6A1 (HGNC:7179)
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	IgG1,IgK
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
<b>Immunogen</b>	This ALDH6A1 antibody is generated from mouse immunized with ALDH6A1 recombinant protein.
<b>UniProt ID</b>	<b>Q02252</b>
<b>MW</b>	57840 Da
<b>Tested applications</b>	IF, IHC-P, WB
<b>Dilution range</b>	IF - 1:25, WB - 1:1000, IHC-P - 1:25
<b>Clone Number</b>	B369EV0X5X6

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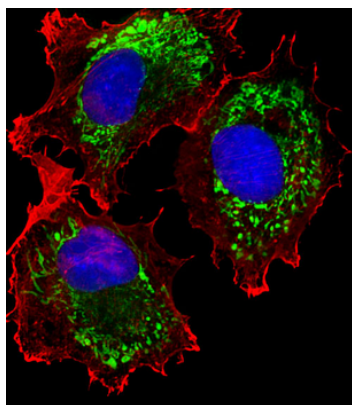
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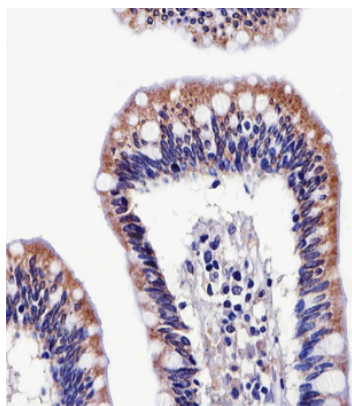
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<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>Note</b>	For research use only
<b>NCBI</b>	<b>NP_005580.1</b>
<b>Expiration Date</b>	12 months from date of receipt.



Fluorescent image of MCF-7 cells stained with ALDH6A1 Antibody. diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody (green). DAPI was used to stain the cell nuclear (blue). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded H.colon section using ALDH6A1 Antibody. diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

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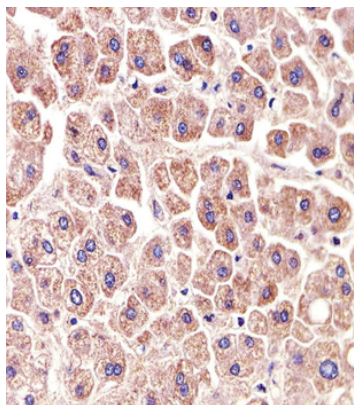
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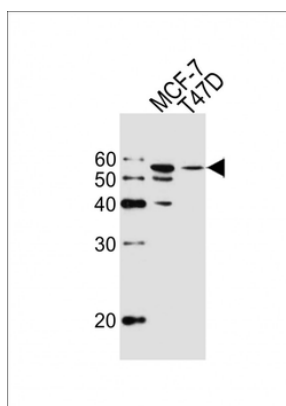
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Immunohistochemical analysis of paraffin-embedded H.liver section using ALDH6A1 Antibody. diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Western blot analysis of lysates from MCF-7, T47D cell line (from left to right), using ALDH6A1 Antibody. diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L (HRP) at 1:10000 dilution was used as the secondary Antibody. Lysates at 20 µg per lane.

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