

Datasheet for ABIN653658
anti-ADH7 antibody (C-Term)



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4 Images

Overview

| | |
|----------------------|---|
| Quantity: | 400 µL |
| Target: | ADH7 |
| Binding Specificity: | AA 318-346, C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ADH7 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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|---------------|--|
| Immunogen: | This ADH7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 318-346 amino acids from the C-terminal region of human ADH7. |
| Clone: | RB22208 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

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|-------------------|--|
| Target: | ADH7 |
| Alternative Name: | ADH7 (ADH7 Products) |

Target Details

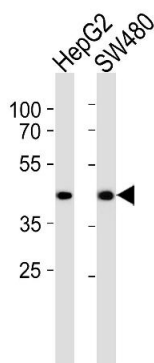
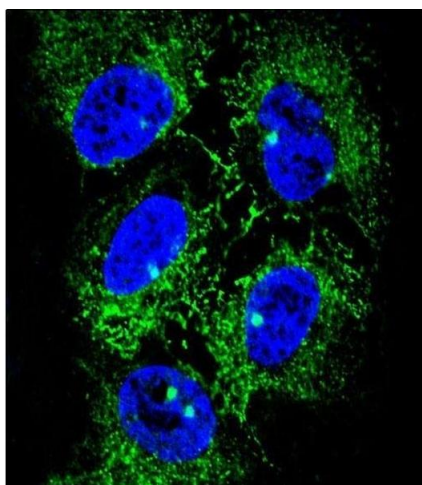
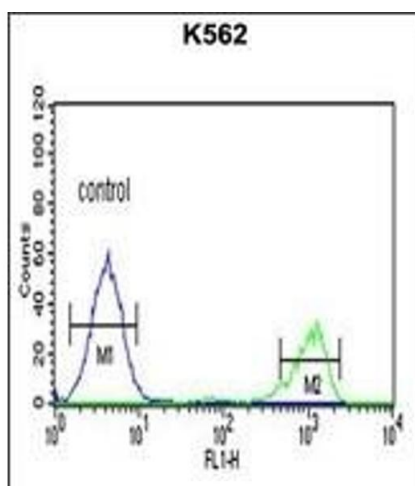
| | |
|-------------------|---|
| Background: | This gene encodes class IV alcohol dehydrogenase 7 mu or sigma subunit, which is a member of the alcohol dehydrogenase family. Members of this family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. The enzyme encoded by this gene is inefficient in ethanol oxidation, but is the most active as a retinol dehydrogenase, thus it may participate in the synthesis of retinoic acid, a hormone important for cellular differentiation. The expression of this gene is much more abundant in stomach than liver, thus differing from the other known gene family members. |
| Molecular Weight: | 41481 |
| Gene ID: | 131 |
| NCBI Accession: | NP_000664 , NP_001159976 |
| UniProt: | P40394 |

Application Details

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|--------------------|---|
| Application Notes: | IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50 |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date: | 6 months |



Flow Cytometry

Image 1. ADH7 Antibody (C-Term) (ABIN653658 and ABIN2842998) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunofluorescence

Image 2. Confocal immunofluorescent analysis of ADH7 Antibody (C-Term) (ABIN653658 and ABIN2842998) with NCI- cell followed by Alexa Fluor® 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

Western Blotting

Image 3. Western blot analysis of lysates from HepG2, S cell line (from left to right), using ADH7 Antibody (C-Term) (ABIN653658 and ABIN2842998). (ABIN653658 and ABIN2842998) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN653658.