ALDH4A1 RABBIT PAB

货号: S216973
产品全名: ALDH4A1 兔多抗
基因符号 P5CD; ALDH4; P5C
UNIPROT ID: P30038 (Gene Accession – BC007581)
背景: This protein belongs to the aldehyde dehydrogenase family of proteins. This enzyme is a mitochondrial matrix NAD-dependent dehydrogenase which catalyzes the second step of the proline degradation pathway, converting pyrroline-5-carboxylate to glutamate. Deficiency of this enzyme is associated with type II hyperprolinemia, an autosomal recessive disorder characterized by accumulation of delta-1-pyrroline-5-carboxylate (P5C) and proline. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene.
抗原: Fusion protein of human ALDH4A1
经过测试的应用: ELISA, WB, IHC
推荐稀释比: IHC: 25-100;WB: 500-2000;ELISA: 2000-5000
种属反应性: Rabbit
克隆性： Rabbit Polyclonal
亚型: Immunogen-specific rabbit IgG
纯化: Antigen affinity purification
种属反应性: Human, Mouse, Rat
成分: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
研究领域: Metabolism
储存和运输: Store at -20°C. Avoid repeated freezing and thawing

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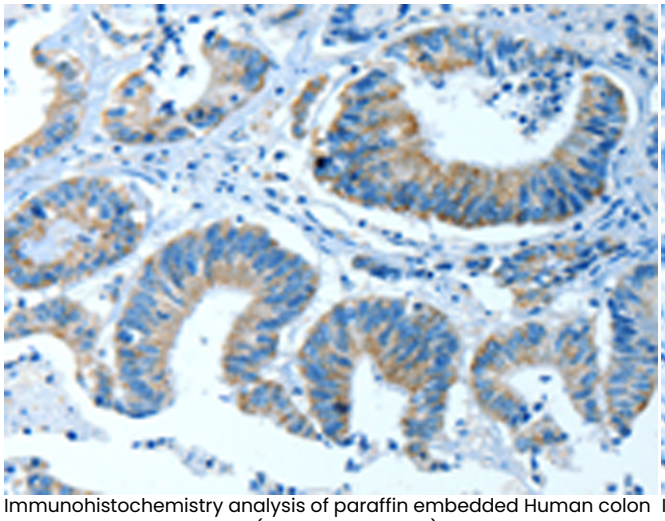
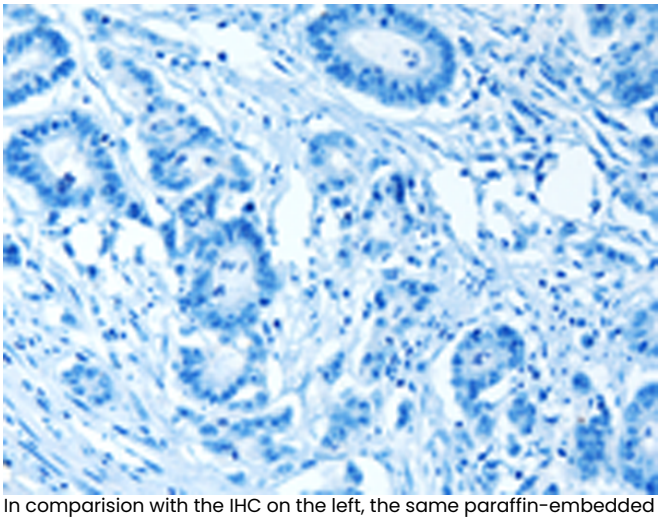
Product Description

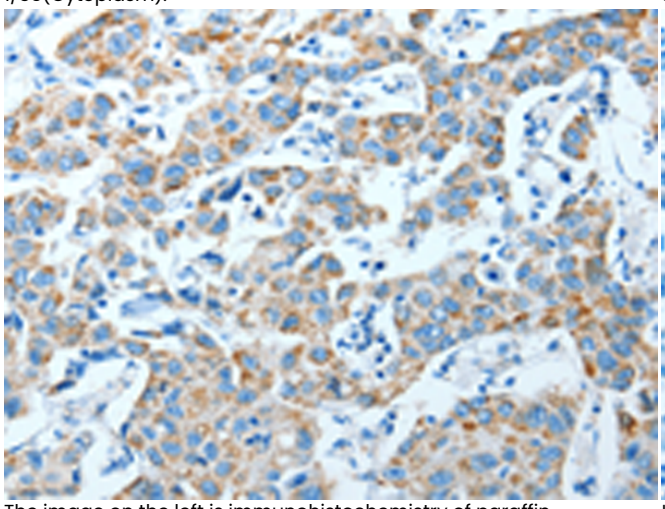
Pioneering GTPase and Oncogene Product Development since 2010



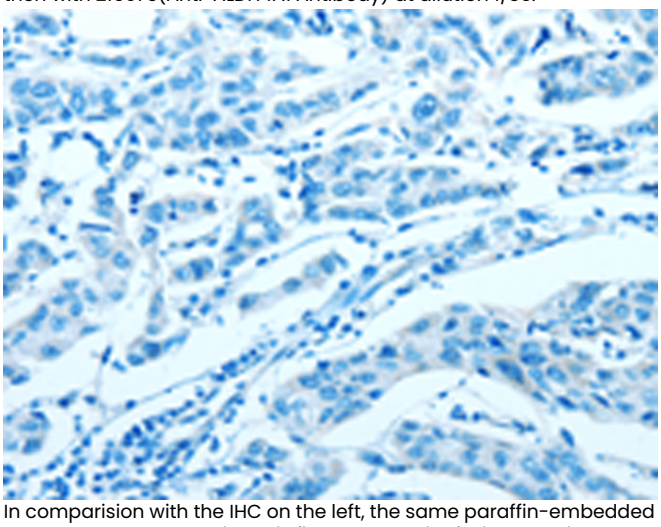
Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 216973(ALDH4A1 Antibody) at a dilution of 1/35(Cytoplasm).



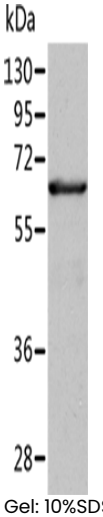
In comparision with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with the fusion protein and then with 216973(Anti-ALDH4A1 Antibody) at dilution 1/35.



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 216973(Anti-ALDH4A1 Antibody) at a dilution of 1/35.



In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with fusion protein and then with D221569(Anti-ALDH4A1 Antibody) at dilution 1/35.



Gel: 10%SDS-PAGE, Lysate: 40 µg;
Lane: Human fetal liver tissue;
Primary antibody: 216973(ALDH4A1 Antibody) at dilution 1/350;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 30 seconds

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