

## ALDH1A2 RABBIT PAB

货号: S220280

产品全名: ALDH1A2 兔多抗

基因符号: RALDH2; RALDH2-T; RALDH(II)

**UNIPROT ID:** O94788 (Gene Accession - NP\_001193826)

**背景:** This protein belongs to the aldehyde dehydrogenase family of proteins. The product of this gene is an enzyme that catalyzes the synthesis of retinoic acid (RA) from retinaldehyde. Retinoic acid, the active derivative of vitamin A (retinol), is a hormonal signaling molecule that functions in developing and adult tissues. The studies of a similar mouse gene suggest that this enzyme and the cytochrome CYP26A1, concurrently establish local embryonic retinoic acid levels which facilitate posterior organ development and prevent spina bifida. Four transcript variants encoding distinct isoforms have been identified for this gene.

**抗原:** Synthetic peptide of human ALDH1A2

**经过测试的应用:** ELISA, WB, IHC

**推荐稀释比:** IHC: 25-100;WB: 500-2000;ELISA: 1000-5000

**种属反应性:** Rabbit

**克隆性:** Rabbit Polyclonal

**亚型:** Immunogen-specific rabbit IgG

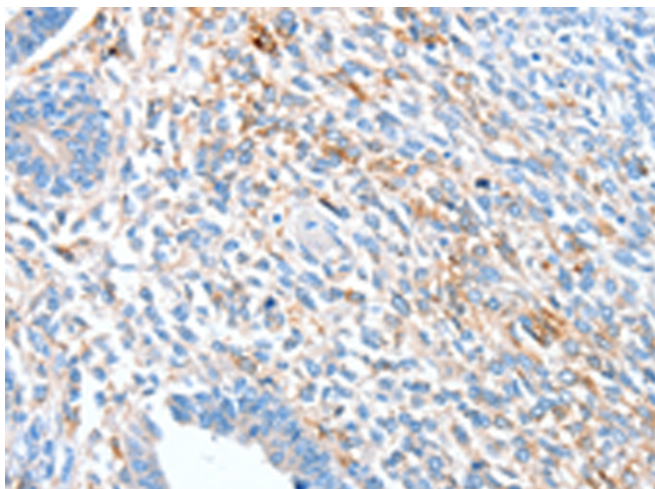
**纯化:** Antigen affinity purification

**种属反应性:** Human, Mouse, Rat

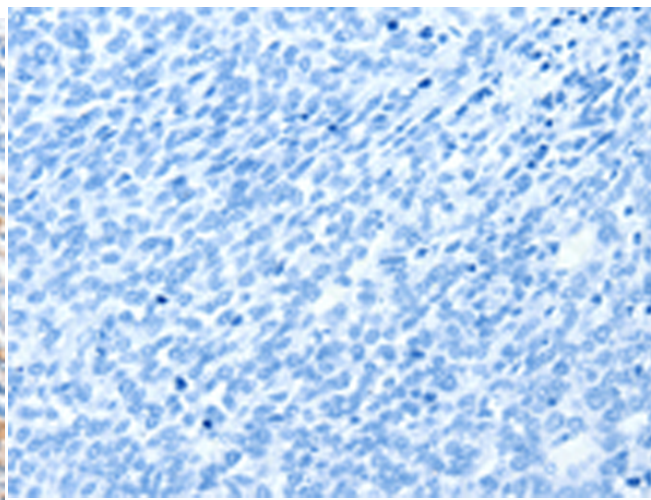
**成分:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**研究领域:** Neuroscience, Developmental Biology

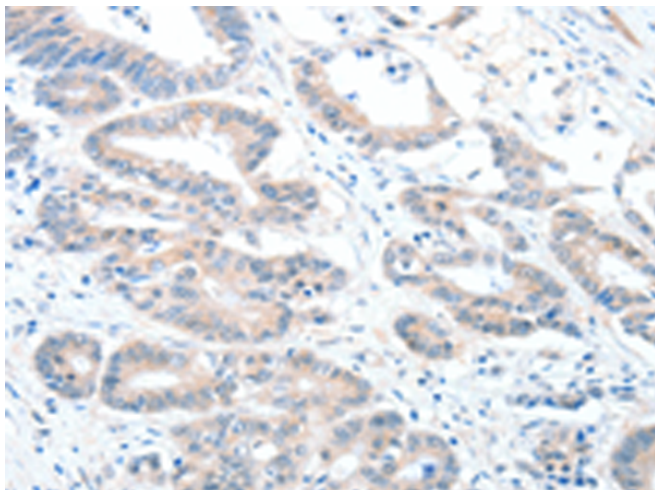
**储存和运输:** Store at -20°C. Avoid repeated freezing and thawing



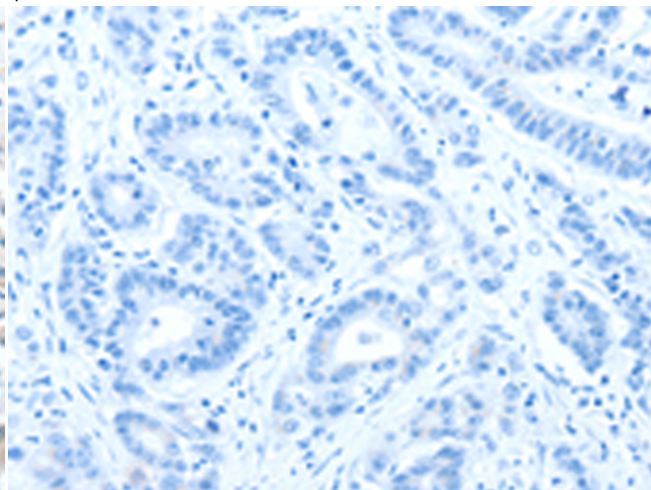
Immunohistochemistry analysis of paraffin embedded Human ovarian cancer tissue using 220280(ALDH1A2 Antibody) at a dilution of 1/60(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with the synthetic peptide and then with 220280(Anti-ALDH1A2 Antibody) at dilution 1/60.



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using 220280(Anti-ALDH1A2 Antibody) at a dilution of 1/60.



In comparison with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with synthetic peptide and then with D261255(Anti-ALDH1A2 Antibody) at dilution 1/60.

kDa



Gel: 10%SDS-PAGE, Lysate: 40 µg;  
Lane: K562 cells;  
Primary antibody: 220280(ALDH1A2 Antibody) at dilution 1/400;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 5 seconds



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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