

# ALDH8A1 Antibody



PACO15382

---

## Product Information

**Size:**

50ul

**Reactivity:**

Human, Mouse

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:2000-1:5000, WB:1:500-1:2000,  
IHC:1:25-1:100

**Protein Background:**

This protein belongs to the aldehyde dehydrogenases family of proteins. It plays a role in a pathway of 9-cis-retinoic acid, biosynthesis in vivo. This enzyme converts 9-cis-retinal into the retinoid X receptor ligand 9-cis-retinoic acid, and has approximately 40-fold higher activity with 9-cis-retinal than with all-trans-retinal. Therefore, it is the first known aldehyde dehydrogenase to show a preference for 9-cis-retinal relative to all-trans-retinal. Three transcript variants encoding distinct protein isoforms have been identified for this gene.

**Gene ID:**

ALDH8A1

**Uniprot**

Q9H2A2

**Synonyms:**

aldehyde dehydrogenase 8 family, member A1

**Immunogen:**

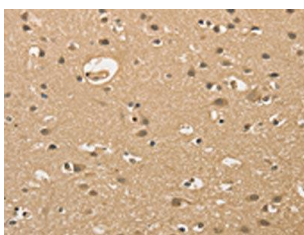
Fusion protein of human ALDH8A1.

**Storage:**

-20°C, pH7.4 PBS, 0.05% NaN<sub>3</sub>, 40% Glycerol

## Product Images

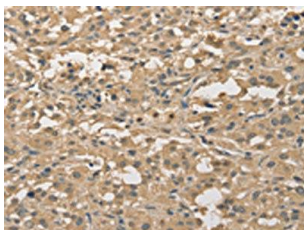
---



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using PACO15382(ALDH8A1 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x—200).



Gel: 8%SDS-PAGE, Lysate: 40 &mu; g, Lane 1-2: Mouse liver tissue, Mouse kidney tissue, Primary antibody: PACO15382(ALDH8A1 Antibody) at dilution 1/550, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 3 seconds.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PACO15382(ALDH8A1 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x—200).