



Anti-ALDH1A2 (C-terminal) polyclonal antibody (DPABH-26505)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description Recognizes as substrates free retinal and cellular retinol-binding protein-bound retinal. Does not metabolize octanal and decanal but does not metabolize citral, benzaldehyde, acetaldehyde and propanal efficiently.

Immunogen Synthetic peptide, derived from the C terminal of Human ALDH1A2.

Isotype IgG

Source/Host Rabbit

Species Reactivity Human

Purification Immunogen affinity purified

Conjugate Unconjugated

Applications WB

Format Liquid

Size 100 µg

Buffer pH: 7.40; Constituents: 49% PBS, 50% Glycerol, 0.88% Sodium chloride. Note: PBS without Mg²⁺ and Ca²⁺

Preservative 0.02% Sodium Azide

Storage Shipped at 4°C. Store at -20°C.

GENE INFORMATION

Gene Name	ALDH1A2 aldehyde dehydrogenase 1 family, member A3 [Homo sapiens]
Official Symbol	ALDH1A2
Synonyms	ALDH1A2; aldehyde dehydrogenase 1 family, member A2; RALDH2; RALDH2-T; RALDH(II); retinal dehydrogenase 2; RALDH 2; retinaldehyde-specific dehydrogenase type 2;
Entrez Gene ID	8854
Protein Refseq	NP_001193826.1
UniProt ID	O94788
Pathway	Retinol metabolism; Tryptophan metabolism; retinoate biosynthesis I;
Function	3-chloroallyl aldehyde dehydrogenase activity; retinal binding; retinal dehydrogenase activity;