



Anti-ALDH1A2 (aa 210-465) polyclonal antibody (DPABH-02640)

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 metabolize octanal and decanal but does not metabolize citral, benzaldehyde, acetaldehyde and propanal efficiently.
Immunogen	Recombinant fragment, corresponding to amino acids 210-465 of Human ALDH1A2 (BC030589).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ELISA, IHC-P
Format	Liquid
Size	100 µg
Buffer	pH: 7.20; Constituents: 1% BSA, 98% PBS
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

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;