



# 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

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Recombinant fragment, corresponding to amino acids 210-465 of Human ALDH1A2 (BC030589).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ELISA, IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.20; Constituents: 1% BSA, 98% PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

## GENE INFORMATION

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