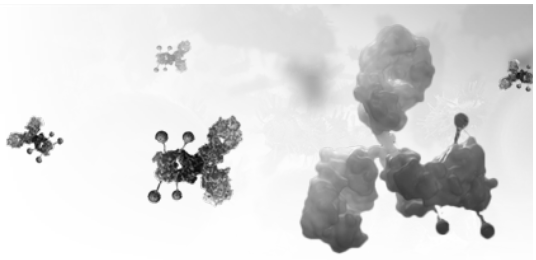

Anti-ALDH1A3 (aa 100-200) polyclonal antibody (DPABH-24160)

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

PRODUCT INFORMATION

Antigen Description	ALDH1A3 (aldehyde dehydrogenase 1 family, member A3) is a protein-coding gene. Diseases associated with ALDH1A3 include choanal atresia, and alcoholism, and among its related super-pathways are Metabolism of xenobiotics by cytochrome P450 and Tyrosine metabolism. GO annotations related to this gene include protein homodimerization activity and aldehyde dehydrogenase (NAD) activity. An important paralog of this gene is ALDH1L2.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 100 - 200 of Human ALDH1A3.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Dog, Human, African green monkey, Syrian Hamster
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IP, ICC/IF, IHC-P
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituent: PBS. Note: Batches of this product that have a concentration
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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GENE INFORMATION

Gene Name	ALDH1A3 aldehyde dehydrogenase 1 family, member A3 [Homo sapiens]
Official Symbol	ALDH1A3
Synonyms	ALDH1A3; aldehyde dehydrogenase 1 family, member A3; ALDH6; aldehyde dehydrogenase family 1 member A3; RALDH3; retinaldehyde dehydrogenase 3; RALDH-3; aldehyde dehydrogenase 6; acetaldehyde dehydrogenase 6; ALDH1A6;
Entrez Gene ID	220
Protein Refseq	NP_000684
UniProt ID	A0A024RC95
Chromosome Location	15q26
Pathway	Drug metabolism - cytochrome P450; Glycolysis / Gluconeogenesis; Histidine metabolism; Metabolic pathways;
Function	NAD+ binding; aldehyde dehydrogenase (NAD) activity; aldehyde dehydrogenase [NAD(P)+] activity; oxidoreductase activity; protein homodimerization activity; thyroid hormone binding;

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