



Anti-SDR16C5 (full length) polyclonal antibody (DPAB-DC831)

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

PRODUCT INFORMATION

Antigen Description	RDHE2 belongs to a family of short-chain alcohol dehydrogenases/reductases that catalyze the first and rate-limiting step that generates retinaldehyde from retinol (Matsuzaka et al., 2002 [PubMed 12372410]).[supplied by OMIM, Mar 2008]
Immunogen	RDHE2 (AAH37219, 26 a.a. ~ 309 a.a) full-length recombinant protein with GST tag. The sequence is MIFALLPKPRKNVAGEIVLITGAGSGLGRLLALQFARLGSVLVLDINKEGNEETCKMAR EAGATRVHAYTCDCSQKEGVYRVADQVKKEVGDVSIINNAGIVTGKKFLDCPDELMEKS FDVNFKAHLWTYKAFLPAMIANDHGHLVCISSAGLSGVNGLADYCASKFAAFGFAESVF VETFVQKQKGIKTTIVCPFFIKTGMEGCTTGCPSELLPILEPKYAVEKIVEAILQEKMVL YMPKLLYFMMFLKSFLPLKTGLLIADYLGILHAMDGFVDQKKKL
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	SDR16C5 short chain dehydrogenase/reductase family 16C, member 5 [Homo sapiens (human)]
Official Symbol	SDR16C5
Synonyms	SDR16C5; short chain dehydrogenase/reductase family 16C, member 5; RDH#2; RDHE2; RDH-E2; epidermal retinol dehydrogenase 2; EPHD-2; retSDR2; epidermal retinal dehydrogenase 2; retinal short chain dehydrogenase reductase; retinal short-chain dehydrogenase reductase 2; short-chain dehydrogenase/reductase family 16C member 5;
Entrez Gene ID	195814
Protein Refseq	NP_620419
UniProt ID	B3KT84
Chromosome Location	8q12.1
Pathway	Retinol metabolism; retinoate biosynthesis I;
Function	retinol dehydrogenase activity;