

Datasheet for ABIN2783565
anti-DHDDS antibody (N-Term)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	100 µL
Target:	DHDDS
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit, Cow, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DHDDS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DHDDS
Sequence:	NRRYAKKCQV ERQEGHSQGF NKLAETLRWC LNLGILEVTV YAFSIENFKR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%, Zebrafish: 83%
Characteristics:	This is a rabbit polyclonal antibody against DHDDS. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DHDDS
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Target Details

Alternative Name:	DHDDS (DHDDS Products)
Background:	<p>Dehydrodolichyl diphosphate (dedol-PP) synthase catalyzes cis-prenyl chain elongation to produce the polyprenyl backbone of dolichol, a glycosyl carrier lipid required for the biosynthesis of several classes of glycoproteins. Dehydrodolichyl diphosphate (dedol-PP) synthase catalyzes cis-prenyl chain elongation to produce the polyprenyl backbone of dolichol, a glycosyl carrier lipid required for the biosynthesis of several classes of glycoproteins. [supplied by OMIM]. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-301 BX648507.1 32-332 302-886 AB090852.1 192-776 887-2199 AK023164.1 846-2158 2200-2425 BX648507.1 2251-2476 2426-3011 AK023164.1 2387-2972 3012-3257 BX648507.1 3063-3308 3258-3315 BQ028814.1 1-58 c</p> <p>Alias Symbols: CIT, CPT, DS, FLJ13102, HDS, RP59</p> <p>Protein Interaction Partner: UBC, ND1, NPC2, LOX,</p> <p>Protein Size: 334</p>
Molecular Weight:	39 kDa
Gene ID:	79947
NCBI Accession:	NM_024887 , NP_079163
UniProt:	Q86SQ9

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 334 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

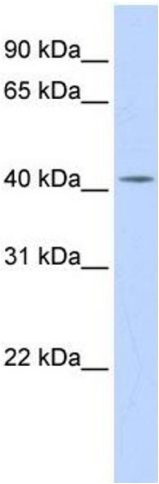
Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Mehrle, Rosenfelder, Schupp, del Val, Arlt, Hahne, Bechtel, Simpson, Hofmann, Hide, Glatting, Huber, Pepperkok, Poustka, Wiemann: "The LIFEdb database in 2006." in: Nucleic acids research , Vol. 34, Issue Database issue, pp. D415-8, (2005) (PubMed).
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Images



Western Blotting

Image 1. WB Suggested Anti-DHDDS Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Placenta