

DCBLD2 Polyclonal Antibody

Catalog NumberPA5-28547

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Published species	Not Applicable
Class	Polyclonal	Tested Applications	
Type	Antibody	Dilution *	
Immunogen	Recombinant protein fragment corresponding to a region within amino acids 489 and 750 of Human DCBLD2	Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
		Western Blot (WB)	1:500-1:3,000
Conjugate	Unconjugated	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7, with 1% BSA, 20% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: HeLa, HepG2. Predicted reactivity: Mouse (87%), Rat (87%), Chicken (83%), Bovine (90%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

This protein is a key enzyme in the catabolic pathway of odd-chain fatty acids, isoleucine, threonine, methionine, and valine. It is probably a dodecamer composed of six biotin-containing alpha subunits and six beta subunits. The protein is located in the mitochondrial matrix. Defects in PCCA are the cause o fpropionic acidemia type I (PA-1) [MIM:606054]. PA-1 is a life-threatening disease characterized by episodic vomiting, lethargy and ketosis, neutropenia, periodic thrombocytopenia, hypogammaglobulinemia, develop-mental retardation, and intolerance to protein.

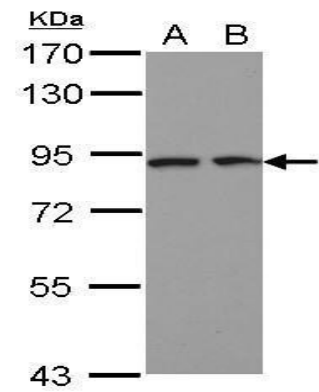
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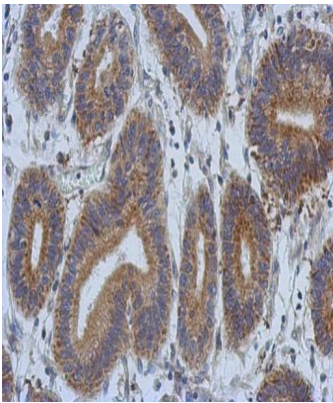
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Product Images For DCBLD2 Polyclonal Antibody



DCBLD2 Antibody (PA5-28547) in WB
Western Blot using DCBLD2 Polyclonal Antibody (Product # PA5-28547). Sample (30 µg of whole cell lysate). Lane A: HeLa. Lane B: HepG2 . 7.5% SDS PAGE. DCBLD2 Polyclonal Antibody (Product # PA5-28547) diluted at 1:1,000.



DCBLD2 Antibody (PA5-28547) in IHC (P)
Immunohistochemical analysis of paraffin-embedded human colon carcinoma, using DCBLD2 (Product # PA5-28547) antibody at 1:500 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.

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