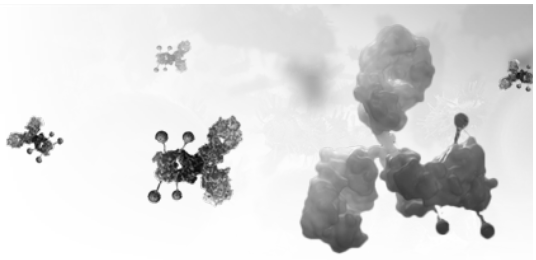

Anti-PRODH polyclonal antibody (DPABT-H80711)

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

PRODUCT INFORMATION

Product Overview	Rabbit Anti-PRODH Polyclonal Antibody
Specificity	This mouse Prodh antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 52~82 amino acids from the Center region of human PRODH.
Target	PRODH
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB, IHC, FC, ELISA
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	0.25 mg/ml
Size	100 µg
Preservative	0.09% Sodium Azide
Storage	Maintain refrigerated at 2-8 ℃ for up to 6 months. For long term storage store at -20 ℃ in small aliquots to prevent freeze-thaw cycles.

GENE INFORMATION

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Gene Name	PRODH proline dehydrogenase (oxidase) 1 [Homo sapiens]
Official Symbol	PRODH
Synonyms	PRODH; proline dehydrogenase (oxidase) 1; proline dehydrogenase (proline oxidase); proline dehydrogenase 1, mitochondrial; HSPOX2; PIG6; PRODH1; PRODH2; TP53I6; proline oxidase 2; p53-induced gene 6 protein; proline oxidase, mitochondrial; tumor protein p53 inducible protein 6; POX; FLJ33744; MGC148078; MGC148079;
Entrez Gene ID	5625
Protein Refseq	NP_001182155
UniProt ID	O43272
Chromosome Location	22q11.2
Pathway	Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Proline catabolism, organism-specific biosystem; citrulline biosynthesis, conserved biosystem.
Function	FAD binding; oxidoreductase activity; proline dehydrogenase activity;

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