



Anti-PCYOX1 (full length) polyclonal antibody (DPAB-DC2173)

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

PRODUCT INFORMATION

Antigen Description	Prenylcysteine is released during the degradation of prenylated proteins. PCYOX1 catalyzes the degradation of prenylcysteine to yield free cysteines and a hydrophobic isoprenoid product (Tschantz et al., 1999 [PubMed 10585463]).[supplied by OMIM, Mar 2008]
Immunogen	PCYOX1 (AAH33815, 1 a.a. ~ 505 a.a) full-length recombinant protein with GST tag. The sequence is MGRVVAELVSSLLGLWLLCSCGCPEGAELRAPDKIAIIGAGIGGTSAAYYLRQKFGKD VKIDLFEREVEVGRLATMMVQGQYEAGGSVIHPLNLHMKRFVKDLGLSAVQASGGLGI HNGETLVFEESNWFIIINVIKLVWRYGFQSLRMHMMWVEDVLDKFMRIYRYQSHDYAFSSVE KLLHALGGDDFLGMLNRTLLETQLKAGFSEKFLNEMIAPVMRVNYGQSTDINAFVGAVSL SCSDSGLWAVEGGNKLVCSGLLQASKSNLISGSVMYIEEKTCTKYTGNTKMYEVVYQIG TETRSDFYDIVLVATPLNRKMSNITFLNFDPPIEEFHQYYQHIVTTLVKGELNTSIFSSR PIDKFGNLNTVLTDDNSDLFINSIGIVPSVREKEDPEPSTDGT
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	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	PCYOX1 prenylcysteine oxidase 1 [Homo sapiens (human)]
Official Symbol	PCYOX1
Synonyms	PCYOX1; prenylcysteine oxidase 1; PCL1; prenylcysteine lyase;
Entrez Gene ID	51449
Protein Refseq	NP_057381
UniProt ID	Q9UHG3
Chromosome Location	2p13.3
Pathway	Terpenoid backbone biosynthesis.
Function	chloride-transporting ATPase activity; prenylcysteine oxidase activity;