

PCYOX1 monoclonal antibody (M01), clone 3D7-D8

Catalog # H00051449-M01

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant PCYOX1.
Immunogen	PCYOX1 (AAH33815, 1 a.a. ~ 505 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGRVVAELVSSLLGLWLLLCSCGCPEGAELRAPD KIAIIGAGIGGTSAAAYLRQKFGKDVKIDLFE REEVGGRLATMMVQQQEYEAGGSVIHPLNLHMKRFVKDLGLSAVQASGGLLGIHNGETLVFEES NWFIIINVIKLVWRYGFQSLRMHMMWVEDVLDKFMRIYRYQSHDYAFSSVEKLLHALGGDDFLGMLN RTLLETQLKAGFSEKFLNEMIAPVMRVNYGQSTDINAFVGAVSLSCSDSGLWAVEGGNKLVCSCG LLQASKSNLISGSVMYIEEKTCTKYTGNP TKMYEVVYQIGTETRSDFYDMLVATPLNRKMSNITFLNF DPPIEEFHQYYQHIVTTLVKGELNTSIFSSRPIDKFG LNTVLTTDNSDLFINSIGVPSVREKEDPEPST DGTVWVKIFSQETLTKAQILKLFLSYDYAVKKPWLAYPHYKPEKCP SIILHDLRYLNGIECAASAM EMSAIAAHNAALLAYHRWNGHTDMIDQDGLYEKLKTEL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (79); Rat (78)
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — PCYOX1

Entrez GeneID	51449
GeneBank Accession#	BC033815
Protein Accession#	AAH33815
Gene Name	PCYOX1
Gene Alias	KIAA0908, PCL1
Gene Description	prenylcysteine oxidase 1
Omim ID	610995
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	prenylcysteine lyase