

SYCM rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A22106	Rabbit	1 mg/ml	
Applications	WB		
Reactivity	Human, Mouse		
Dilution	WB 1:500-2000		
Storage	-20°C/1 year		
Specificity	This antibody detects endogenous levels of SYCM at Human/Mouse		
Source / Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.		
Immunogen	Synthesized peptide derived from human SYCM		
Uniprot No	Q9HA77		
Alternative names	Probable cysteine--tRNA ligase, mitochondrial (EC 6.1.1.16) (CysteinyI-tRNA synthetase) (CysRS)		
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.121% sodium azide.		
Clonality	Polyclonal		
Isotype	IgG		
Conjugation			
Background	This gene encodes a putative member of the class I family of aminoacyl-tRNA synthetases. These enzymes play a critical role in protein biosynthesis by charging tRNAs with their cognate amino acids. This protein is encoded by the nuclear genome but is likely to be imported to the mitochondrion where it is thought to catalyze the ligation of cysteine to tRNA molecules. A splice-site mutation in this gene has been associated with a novel progressive myoclonic epilepsy disease with similar symptoms to MERRF syndrome. [provided by RefSeq, Mar 2015],		
Other	CARS2 OK/SW-cl.10, SYCM		
Product Images:			

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All
Species Expected

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