For Research Use Only

NFS1 Monoclonal antibody

Catalog Number:67021-1-lg Featured Product

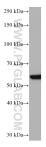


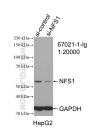
Basic Information	Catalog Number: 67021-1-Ig	GenBank Accession Number: BC018471	Purification Method: Protein G purification	
	Concentration: 1000 ug/ml	GenelD (NCBI): 9054	CloneNo.: 3A10A7	
	Source: Mouse	UNIPROT ID: Q9Y697	Recommended Dilutions: WB 1:5000-1:50000	
	Isotype: IgG1 Immunogen Catalog Number: AG8017	Full Name: NFS1 nitrogen fixation 1 homolog (S. cerevisiae) Calculated MW: 50 kDa		
				Observed MW: 50-55 kDa
		Applications	Tested Applications:	Positive
WB, ELISA Species Specificity: human, mouse, rat				
Background Information	NFS1(nitrogen fixation 1 homolog) is also named as NIFS, HUSSY-08 and belongs to the class-V pyridoxal- phosphate-dependent aminotransferase family. The protein has been identified as a pyridoxal phosphate- containing homodimer that catalyzes the formation of equimolar amounts of elemental sulfur and L-alanine from the substrate, L-cysteine. It is reported that NFS1 is also able to catalyze the removal of selenium from selenocysteine, a mechanism similar to the L-cysteine reaction was postulated(PMID:9812986). It has 2 isoforms produced by alternative initiation.			
	produce by attendance minutes			

For technical support and original validation data for this product please contact: T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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Selected Validation Data





HSC-T6 cells were subjected to SDS PAGE followed by western blot with 67021-1-Ig (NFS1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. WB result of NFS1 antibody (67021-1-lg; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NFS1 transfected HepG2 cells.