For Research Use Only

NNT Polyclonal antibody Catalog Number: 13442-2-AP Featured Produce

Featured Product

15 Publications



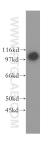
Basic Information	Catalog Number: 13442-2-AP	GenBank Accession Numb BC032370	er: Purification Method: Antigen affinity purification	
	Size: 150ul , Concentration: 600 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard; Source: Rabbit Isotype: IgG Immunogen Catalog Number: AG4259	GeneID (NCBI): 23530	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:20-1:200 IF/ICC 1:50-1:500	
Applications	Tested Applications: WB, IHC, IF/ICC, IP, ELISA		Positive Controls:	
			VB : human adrenal gland tissue, human heart tissue uman liver tissue	
	WB, IHC, IF, CoIP	IP :	HepG2 cells,	
	Species Specificity: human, mouse, rat	IHO	: human liver cancer tissue,	
	Cited Species: human, mouse, rat	IF/	ICC : HeLa cells,	
	Note-IHC: suggested antigen r	etrieval with		
	TE buffer pH 9.0; (*) Alternativ retrieval may be performed w buffer pH 6.0	vely, antigen		
Background Information	TE buffer pH 9.0; (*) Alternativ retrieval may be performed w buffer pH 6.0 NNT(nicotinamide nucleotide transhy transhydrogenase. The protein is pres of mitochondria. In prokaryotic cells, eukaryotic cells, the enzyme is usual	rely, antigen ith citrate vdrogenase) is a transmemt sent in both prokaryotes and the enzyme is composed of ly composed of a single per the forward reaction using	prane protein and functions as a proton pumping d eukaryotes and is located in the inner membrane a and βsubunits of 54 and 48 kDa, respectively. Ir otide of 110 kDa. Although NNT catalyzes the the reducing power of NADH to regenerate NADPH 97723). It can exsit as a	
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

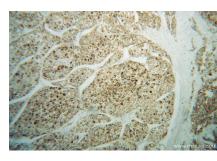
E: proteintech@ptglab.com W: ptglab.com

Group brand and is not available to purchase from any other manufacturer.

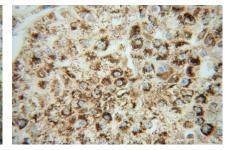
Selected Validation Data



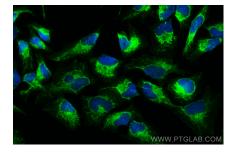
human adrenal gland tissue were subjected to SDS PAGE followed by western blot with 13442-2-AP (NNT antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



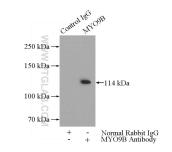
Immunohistochemical analysis of paraffinembedded human liver cancer using 13442-2-AP (NNT antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffinembedded human liver cancer using 13442-2-AP (NNT antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using NNT antibody (13442-2-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).



IP result of anti-NNT (IP:13442-2-AP, 4ug; Detection:13442-2-AP 1:300) with HepG2 cells lysate 2800ug.