For Research Use Only

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

Featured Product

15 Publications



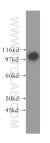
Basic Information	Catalog Number: 13442-2-AP	GenBank Accession Numb BC032370	er: Purification Method: Antigen affinity purification	
	Size: 150ul , Concentration: 600 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard; Source: Rabbit Isotype: IgG Immunogen Catalog Number: AG4259	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)

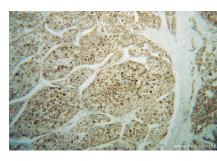
E: proteintech@ptglab.com W: ptglab.com

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

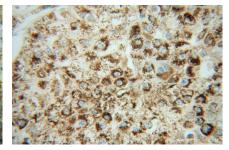
## Selected Validation Data



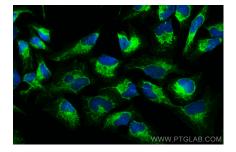
human adrenal gland tissue were subjected to SDS PAGE followed by western blot with 13442-2-AP (NNT antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



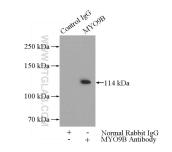
Immunohistochemical analysis of paraffinembedded human liver cancer using 13442-2-AP (NNT antibody) at dilution of 1:50 (under 10x lens).



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.