For Research Use Only

## HSPA2 Polyclonal antibody

Catalog Number:12797-1-AP

Featured Product 13 Publications



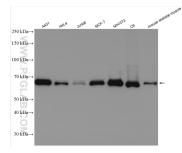
Basic Information	Catalog Number: 12797-1-AP	GenBank Accession BC036107	Number:	Purification Method: Antigen affinity purification	
	Size: 150ul , Concentration: 700 ug/ml by Nanodrop;	GeneID (NCBI): 3306 UNIPROT ID:		Recommended Dilutions: WB: 1:2000-1:5000 IP: 0.5-4.0 ug for 1.0-3.0 mg of total	
	Source:	P54652		protein lysate	
	Rabbit	Full Name:		IHC: 1:200-1:1600	
	lsotype:	Isotype: heat shock 70kDa pro		IF/ICC: 1:50-1:500	
	lgG	Calculated MW:			
	Immunogen Catalog Number: AG3539	639 aa, 70 kDa			
		Observed MW: 70 kDa			
Applications	Tested Applications:	Positive Controls:			
	WB, IHC, IF/ICC, IP, ELISA		WB : A431 cells, human brain tissue, human kidney		
	Cited Applications: WB, IHC, IF, IP, CoIP			tissue, human skeletal muscle tissue, HeLa cells, Jurkat cells, MCF-7 cells, NIH/3T3 cells, C6 cells, mouse skeletal tissue	
	human, mouse, rat		IP : mouse skeletal muscle tissue,		
	Cited Species:		IHC : human	normal colon, human ovary tumor tissu	
	human, mouse		human prostate hyperplasia tissue, human testis		
	Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0		tissue, mouse ovary tissue		
			IF/ICC : HeLa	cells,	
Background Information	and nucleus. At physiological tempe shock, localization shifted to nucleus	, it has been reported i r. HSPA2 is a cytosol/r rature, the HSPA2 was and nucleoli (PMID: 1 HSPA2 in testes has be s possible involvemer	that HSPA2 can I nuclear protein a localized prima 8452162). HSPA een connected w nt in carcinogene	be also expressed in human somatic ble to translocate between cytoplasm rily in cytoplasm whereas, during heat 2 is involved in sperm maturity, functi ith male infertility. Recently, HSPA2 ha isis of non-testicular tissues. This	
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free E: proteintech@ptglab.com in USA), or 1(312) 455-8498 (outside USA)

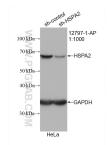
W: ptglab.com

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

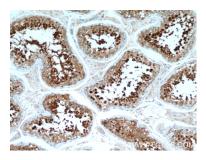
## Selected Validation Data



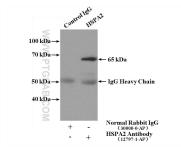
Various lysates were subjected to SDS PAGE followed by western blot with 12797-1-AP (HSPA2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



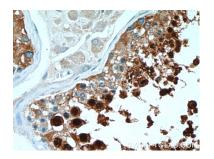
WB result of HSPA2 antibody (12797-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HSPA2 transfected HeLa cells.



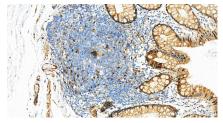
Immunohistochemical analysis of paraffinembedded human testis using 12797-1-AP (HSPA2 antibody) at dilution of 1:50 (under 10x lens).



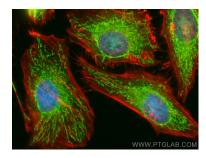
IP result of anti-HSPA2 (IP:12797-1-AP, 4ug; Detection:12797-1-AP 1:1000) with mouse skeletal muscle tissue lysate 4000ug.



Immunohistochemical analysis of paraffinembedded human testis using 12797-1-AP (HSPA2 antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffinembedded human normal colon slide using 12797-1-AP (HSPA2 antibody) at dilution of 1:1600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HSPA2 antibody (12797-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).