For Research Use Only

HSF4 Polyclonal antibody Catalog Number:22883-1-AP

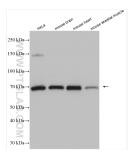
Antibodies | ELISA kits | Proteins WWW.ptglab.com

Catalog Number: 22883-1-AP	GenBank Accession Number: BC 153061	Purification Method: Antigen Affinity purified
Size: 600 ug/ml	GeneID (NCBI): 3299	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: Q9ULV5	IHC 1:50-1:500
lsotype: IgG	Full Name: heat shock transcription factor	or 4
Immunogen Catalog Number: AG18935	Calculated MW: 492 aa, 53 kDa	
	Observed MW: 62-66 kDa	
Tested Applications:		ve Controls:
Species Specificity: human, mouse, rat	tissue	IeLa cells, human brain tissue, mouse brain e, mouse lung tissue, rat brain tissue, mouse heart e, mouse skeletal muscle tissue
TE buffer pH 9.0; (*) Alterno	atively, antigen	mouse brain tissue,
_		
designated heat shock genes. In e Heat shock transcription factors (H are upregulated by estrogen, at bo transcriptional activity is represse DNA binding activity and is transl development, and, like HSF1, bind brain and skeletal muscle as a ho formation of HSF1 nuclear bodies,	ukaryotes, this gene expression is ISF, also designated HSTF) 1 and th the mRNA and protein level. H d by constitutive phosphorylation ocated to the nucleus. HSF2 activity Is DNA as a trimer. HSF4 exists as motrimer. HSF4a does not contain thus repressing HSF1 mediated t	tress by inducing a group of genes collectively s regulated primarily at the transcriptionlevel. 2 are involved in this regulation. HSF1 and HSF2 SF1 is normally found as a monomer, whose n. Upon activation, HSF1 forms trimers, gains ity is associated with differentiation and two splice variants and is expressed in heart, na DNA-binding domain and inhibits the ranscription. HSF4b does contain a DNA-binding This antibody is specific to human HSF4.
	22883-1-AP Size: 600 ug/ml Source: Rabbit Isotype: IgG Immunogen Catalog Number: AG18935 Tested Applications: WB, IHC, ELISA Species Specificity: human, mouse, rat Note-IHC: suggested antige. TE buffer pH 9.0; (*) Alterno retrieval may be performed	22883-1-AP BC153061 Size: GeneID (NCBI): 600 ug/ml 3299 Source: UNIPROT ID: Rabbit Q9ULV5 Isotype: Full Name: IgG heat shock transcription factor Immunogen Catalog Number: Calculated MW: AG18935 492 aa, 53 kDa Observed MW: 62-66 kDa Tested Applications: Positit WB, IHC, ELISA WB : H Species Specificity: tissue human, mouse, rat tissue Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate

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

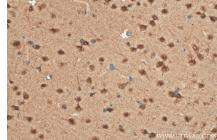
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Selected Validation Data





Various lysates were subjected to SDS PAGE followed by western blot with 22883-1-AP (HSF4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. Immunohistochemical analysis of paraffinembedded mouse brain tissue slide using 22883-1-AP (HSF4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded mouse brain tissue slide using 22883-1-AP (HSF4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).