



Rabbit Anti-HSP90 beta antibody

SL0135R

Product Name:	HSP90 beta
Chinese Name:	热休克蛋白90β/HSP90 β 抗体
Alias:	HSP90 beta; D6S182; FLJ26984; Heat shock 90kD protein 1, beta; Heat shock protein 90kDa alpha (cytosolic) class B member 1; Heat shock protein beta; Heat shock protein HSP 90 beta; HSP 84; HSP84; HSP 90; HSP-90 BETA; HSP90B; HSPC2; HSPCB; HS90B_HUMAN; Heat shock protein HSP 90-beta; Heat shock 84 kDa.
文献引用 PubMed :	<p>Specific References(3) SL0135R has been referenced in 3 publications.</p> <p>[IF=3.24]Ding, Zhujin, et al. "Expression of heat shock protein 90 genes during early development and infection in <i>Megalobrama amblycephala</i> and evidence for adaptive evolution in teleost." <i>Developmental & Comparative Immunology</i> (2013).WB; PubMed:23954722</p> <p>[IF=2.13]Cetintas, Vildan Bozok, et al. "Effects of flavopiridol on critical regulation pathways of CD133high/CD44high lung cancer stem cells." <i>Medicine</i> 95.43 (2016): e5150.IF(ICC);Mouse. PubMed:27787370</p> <p>[IF=0.46]Aktug, H., et al. "Investigation of the Cell Stabilization and the Epithelial to Mesenchymal Transition Effect of Flavopiridol in Mouse Lung Squamous Cell Carcinoma." <i>Chemotherapy: Open Access</i> 2015 (2015).IF(ICC);Mouse. PubMed:0</p>
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair)

	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	84kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human HSP90 beta:635-724/724
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>This gene encodes a member of the heat shock protein 90 family; these proteins are involved in signal transduction, protein folding and degradation and morphological evolution. This gene encodes the constitutive form of the cytosolic 90 kDa heat-shock protein and is thought to play a role in gastric apoptosis and inflammation. Alternative splicing results in multiple transcript variants. Pseudogenes have been identified on multiple chromosomes. [provided by RefSeq, Dec 2012].</p> <p>Function: Molecular chaperone that promotes the maturation, structural maintenance and proper regulation of specific target proteins involved for instance in cell cycle control and signal transduction. Undergoes a functional cycle that is linked to its ATPase activity. This cycle probably induces conformational changes in the client proteins, thereby causing their activation. Interacts dynamically with various co-chaperones that modulate its substrate recognition, ATPase cycle and chaperone function.</p> <p>Subunit: Homodimer. Interacts with p53/TP53. Forms a complex with CDK6 and Hsp90/HSP90AB1. Interacts with UNC45A. Binding to UNC45A involves 2 UNC45A monomers per HSP90AB1 dimer. Interacts with CHORDC1 and DNAJC7. Interacts with FKBP4.</p> <p>Subcellular Location: Cytoplasm. Melanosome. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV.</p> <p>Post-translational modifications: Ubiquitinated in the presence of STUB1-UBE2D1 complex (in vitro). ISGylated. S-nitrosylated; negatively regulates the ATPase activity (Probable).</p> <p>Similarity:</p>

Belongs to the heat shock protein 90 family.

SWISS:
P08238

Gene ID:
3326

Database links:

[Entrez Gene: 3326](#)Human

[Entrez Gene: 15516](#)Mouse

[Entrez Gene: 301252](#)Rat

[Oimim: 140572](#)Human

[SwissProt: P08238](#)Human

[SwissProt: P11499](#)Mouse

[SwissProt: P34058](#)Rat

[Unigene: 509736](#)Human

[Unigene: 2180](#)Mouse

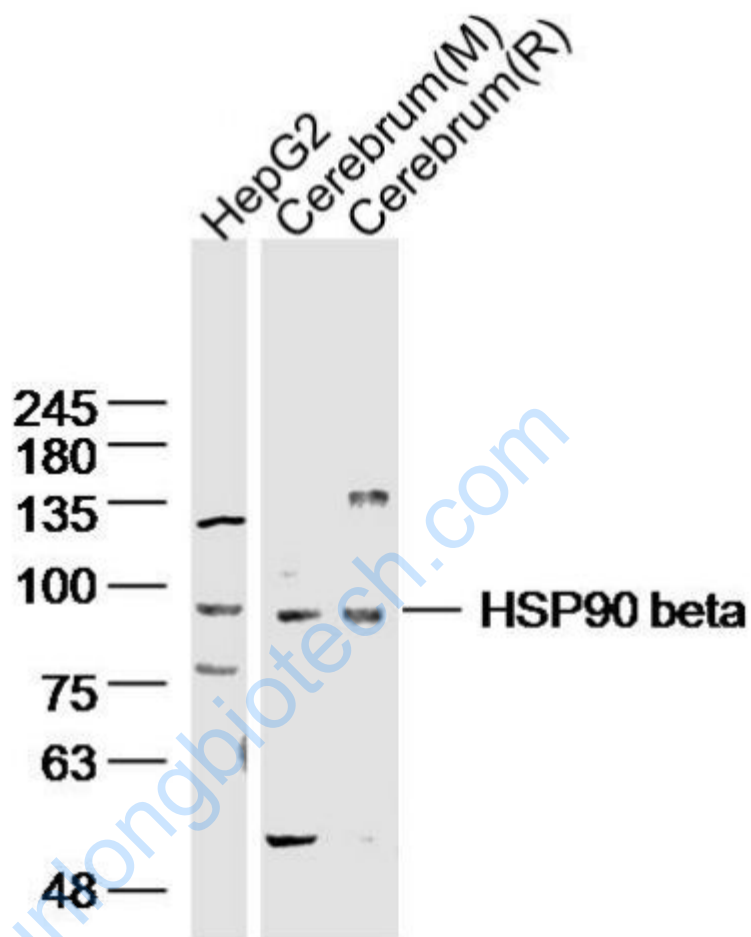
[Unigene: 98667](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

HSP是细胞受应激原刺激后诱导产生的一组应激蛋白, 与Tumour发生、增殖及分化有关, HSP90 β 能够抑制Apoptosis与分化。

Picture:



Sample:

HepG2 Cell Lysate at 40 ug

Cerebrum (Mouse) Lysate at 40 ug

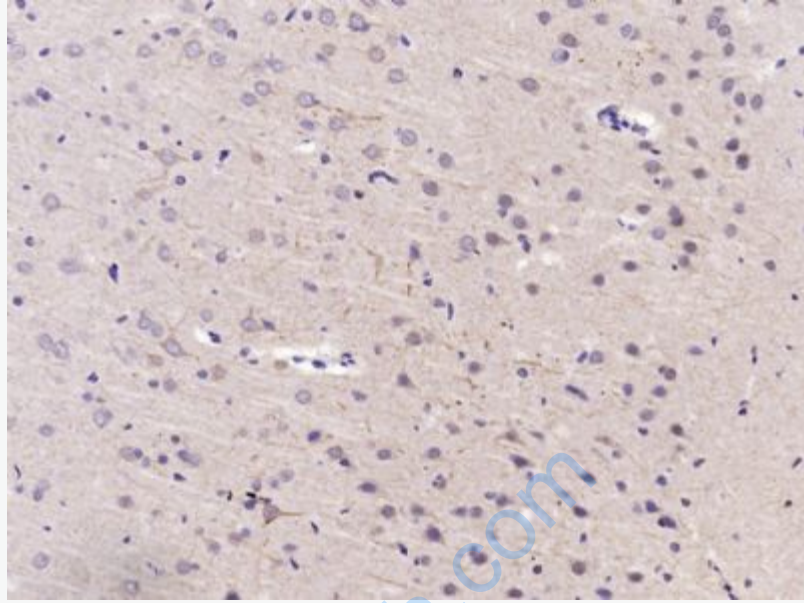
Cerebrum (Rat) Lysate at 40 ug

Primary: Anti- HSP90 beta (SL0135R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 84kD

Observed band size: 90kD



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by microwave in sodium citrate buffer (pH6.0) ; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30min; Antibody incubation with (HSP90 beta) Polyclonal Antibody, Unconjugated (SL0135R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.