

## Product datasheet for **TA322869S**

### GRP94 (HSP90B1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Hela cells and human liver cancer tissue, Jurkat and NIH/3T3 cells IHC: 50-200 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to N terminal 315 amino acids of human heat shock protein 90kDa beta (Grp94), member 1
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	92 kDa
Gene Name:	heat shock protein 90kDa beta family member 1
Database Link:	<a href="#">NP_003290</a> <a href="#">Entrez Gene 22027 MouseEntrez Gene 362862 RatEntrez Gene 7184 Human P14625</a>



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**Background:**

This gene encodes a member of a family of adenosine triphosphate(ATP)-metabolizing molecular chaperones with roles in stabilizing and folding other proteins. The encoded protein is localized to melanosomes and the endoplasmic reticulum. Expression of this protein is associated with a variety of pathogenic states; including tumor formation. There is a microRNA gene located within the 5' exon of this gene. There are pseudogenes for this gene on chromosomes 1 and 15.

**Synonyms:**

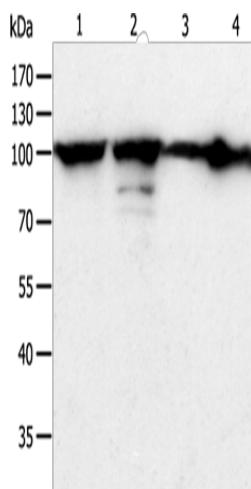
ECGP; GP96; GRP94; HEL-S-125m; HEL35; TRA1

**Protein Families:**

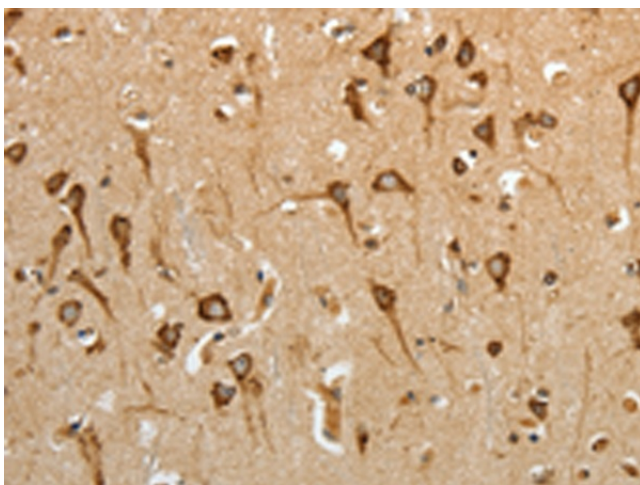
Druggable Genome

**Protein Pathways:**

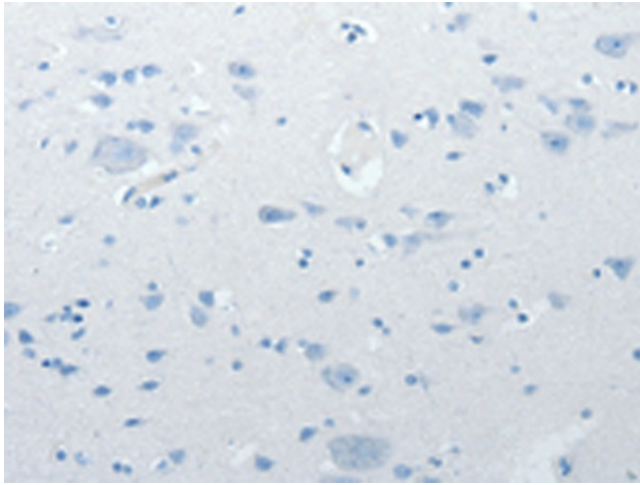
NOD-like receptor signaling pathway, Pathways in cancer, Prostate cancer

**Product images:**

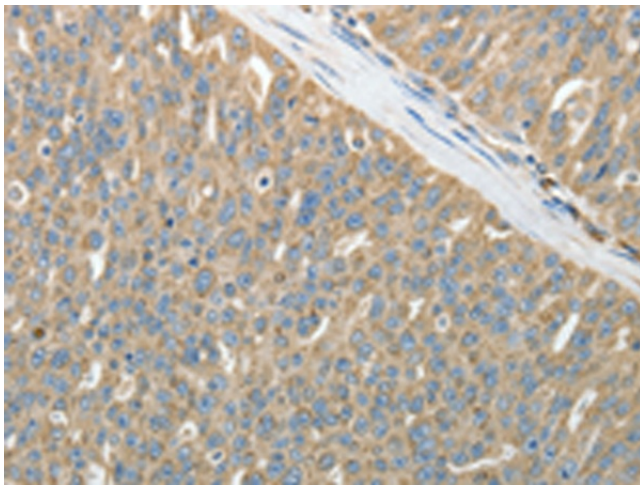
Gel: 10%SDS-PAGE  
Lysate: 40 µg  
Lane 1-4: HeLa cells  
human liver cancer tissue  
Jurkat cells  
NIH/3T3 cells  
Primary antibody: [TA322869] (HSP90B1  
Antibody) at dilution 1/900  
Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution  
Exposure time: 3 seconds



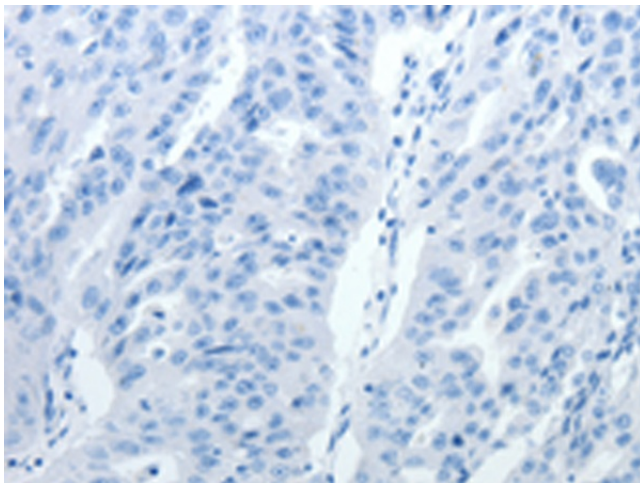
Immunohistochemistry of paraffin-embedded  
Human brain tissue using [TA322869] (HSP90B1  
Antibody) at dilution 1/50 (Original magnification:  
×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA322869] (HSP90B1 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA322869] (HSP90B1 Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA322869] (HSP90B1 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: ×200)