

Product datasheet for **TA322869**

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 ₃ , 50% glycerol
Concentration:	lot specific
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:	NP_003290 Entrez Gene 22027 Mouse Entrez Gene 362862 Rat Entrez Gene 7184 Human P14625



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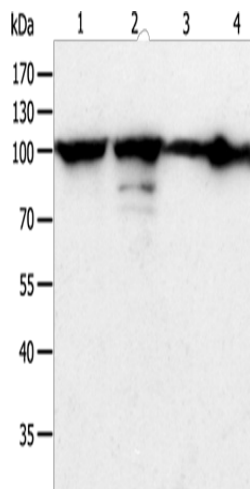
Background: This gene encodes a member of a family of adenosine triphosphate(ATP)-metabolizing molecular chaperones with roles in stabilizing and folding other proteins. The encoded protein is localized to melanosomes and the endoplasmic reticulum. Expression of this protein is associated with a variety 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

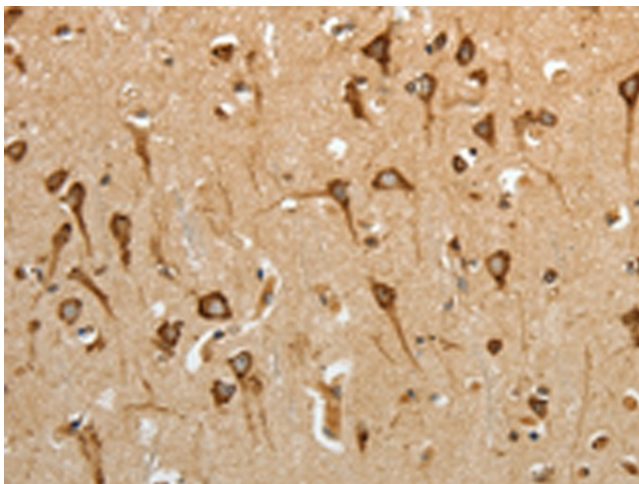
Protein Families: Druggable Genome

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

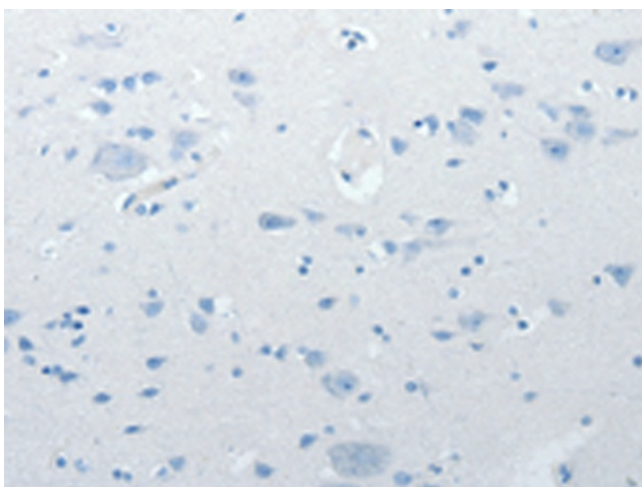
Product images:



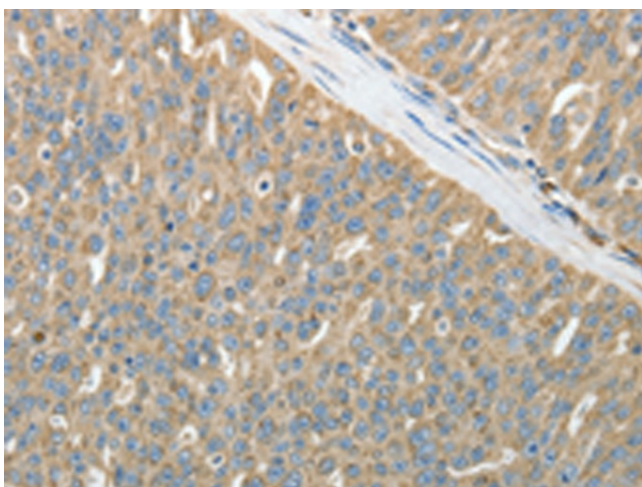
Gel: 10%SDS-PAGE
Lysate: 40 µg
Lane 1-4: HeLa cells
human liver cancer tissue
Jurkat cells
NIH/3T3 cells
Primary antibody: TA322869 (HSP90B1 Antibody)
at dilution 1/900
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 3 seconds



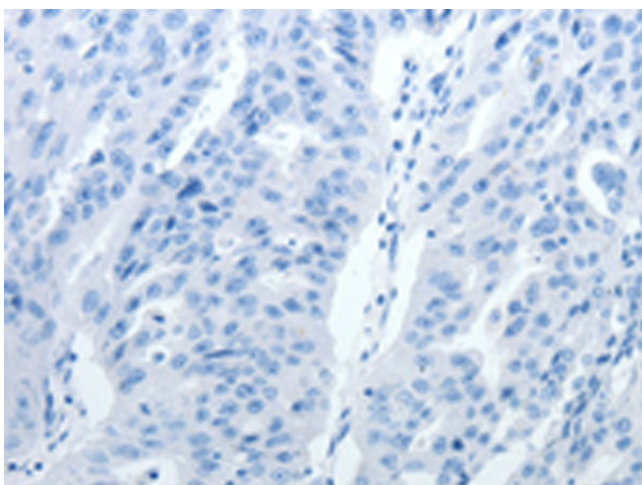
Immunohistochemistry of paraffin-embedded
Human brain tissue using TA322869 (HSP90B1
Antibody) at dilution 1/50 (Original magnification:
×200)



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



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



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