

## HSP90B1 RABBIT PAB

**Cat.#:** S216545

**Product Name:** Anti-HSP90B1 Rabbit Polyclonal Antibody

**Synonyms:** ECGP; GP96; TRA1; GRP94

**UNIPROT ID:** P14625 (Gene Accession - BC009195 )

**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.

**Immunogen:** Fusion protein of human HSP90B1

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-200;WB: 500-2000;ELISA: 2000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

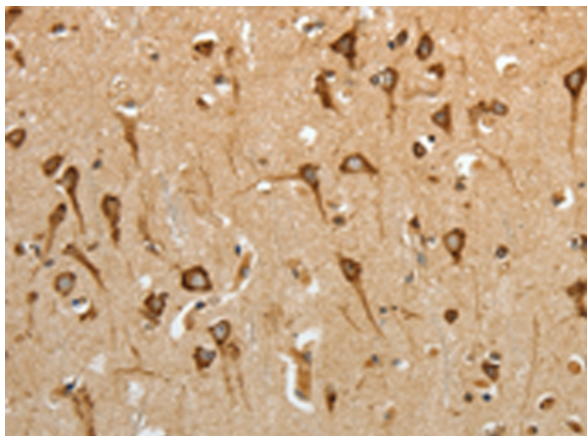
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

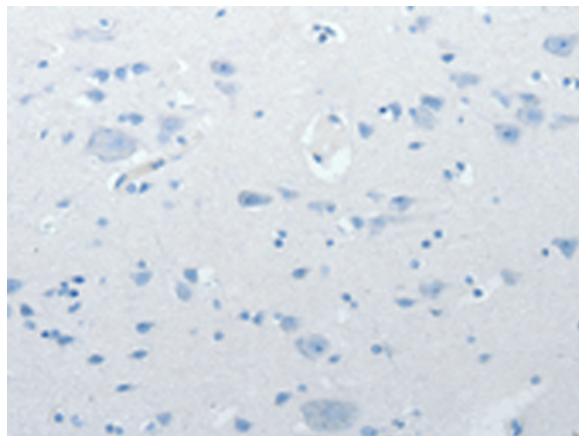
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Cancer, Cardiovascular, Metabolism

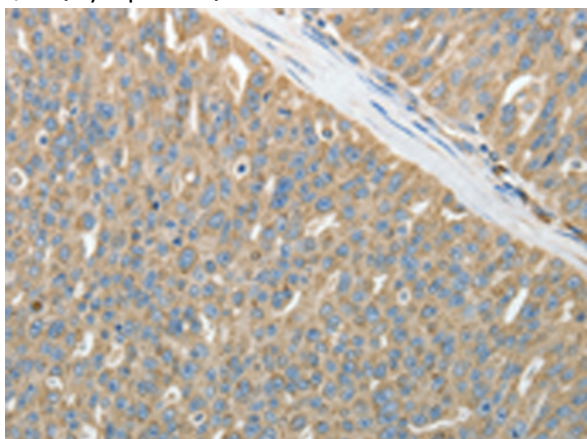
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



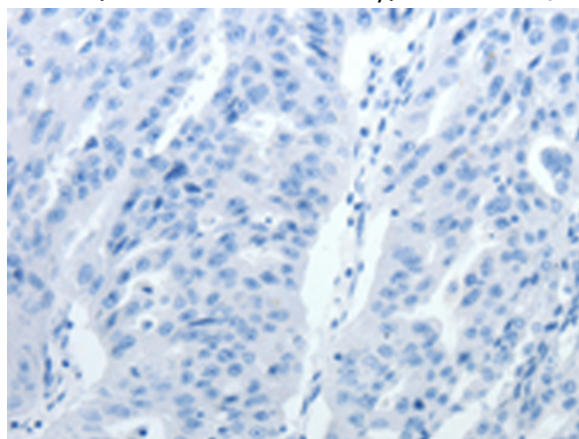
Immunohistochemistry analysis of paraffin embedded Human brain tissue using 216545(HSP90B1 Antibody) at a dilution of 1/50(Cytoplasm).



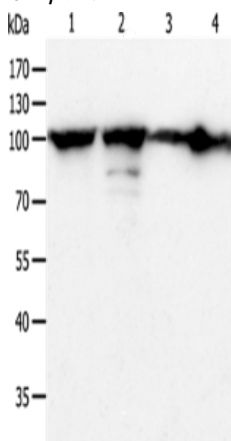
In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the fusion protein and then with 216545(Anti-HSP90B1 Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 216545(Anti-HSP90B1 Antibody) at a dilution of 1/50.



In comparison with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with fusion protein and then with D220724(Anti-HSP90B1 Antibody) at dilution 1/50.



Gel: 10%SDS-PAGE, Lysate: 40 µg;  
 Lane 1-4: Hela cells, human liver cancer tissue,  
 Jurkat cells, NIH/3T3 cells;  
 Primary antibody: 216545(HSP90B1 Antibody) at  
 dilution 1/900;  
 Secondary antibody: Goat anti rabbit IgG at  
 1/8000 dilution;  
 Exposure time: 3 seconds



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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