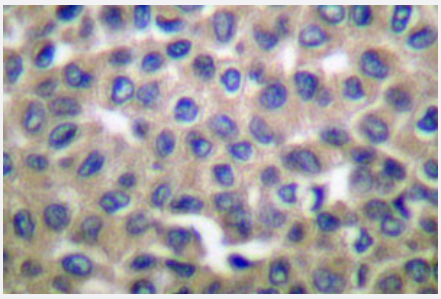
HSP90B1 polyclonal antibody

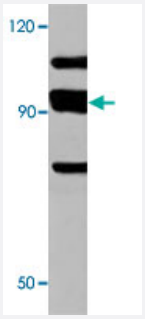
Catalog # PAB27069 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using HSP90B1 polyclonal antibody (Cat # PAB27069).



Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with HSP90B1 polyclonal antibody (Cat # PAB27069) at 1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of HSP90B1.
Immunogen	A synthetic peptide corresponding to amino acids 760-810 of human HSP90B1.
Host	Rabbit
Theoretical MW (kDa)	~95.0
Reactivity	Human, Mouse
Specificity	HSP90B1 polyclonal antibody detects endogenous levels of HSP90B1 protein.
Form	Liquid

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Purification	Antigen affinity purification
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using HSP90B1 polyclonal antibody (Cat # PAB27069).

- Immunofluorescence

- Western Blot (Cell lysate)

  Western blot analysis of HeLa cell lysate with HSP90B1 polyclonal antibody (Cat # PAB27069) at 1:500 dilution.

Gene Info — HSP90B1

Entrez GeneID	7184
Protein Accession#	P14625
Gene Name	HSP90B1
Gene Alias	ECGP, GP96, GRP94, TRA1
Gene Description	heat shock protein 90kDa beta (Grp94), member 1
Omim ID	191175
Gene Ontology	Hyperlink

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Gene Summary	HSP90 proteins are highly conserved molecular chaperones that have key roles in signal transduction, protein folding, protein degradation, and morphologic evolution. HSP90 proteins normally associate with other cochaperones and play important roles in folding newly synthesized proteins or stabilizing and refolding denatured proteins after stress. HSP90B1 is an endoplasmic reticulum HSP90 protein. Other HSP90 proteins are found in cytosol (see HSP90AA1; MIM 140571) and mitochondria (TRAP1; MIM 606219) (Chen et al., 2005 [PubMed 16269234]).[supplied by OMIM
Other Designations	Tumor rejection antigen-1 (gp96)|endothelial cell (HBMEC) glycoprotein|glucose regulated protein, 94 kDa|heat shock protein 90kDa beta, member 1|tumor rejection antigen (gp96) 1

Pathway

- Pathways in cancer
- Prostate cancer

Disease

- Bipolar Disorder
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Kidney Failure
- Schizophrenia

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