

Rabbit HSP90B1 Polyclonal Antibody | anti-HSP90B1 antibody

HSP90B1 Antibody (N-term)

CATALOG # AAA288251	HOST Rabbit	REACTIVITY Human, hamster, mouse (Predicted Reactivity: Bovine, Chicken, Monkey, Pig, Rat)	APPLICATIONS Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

HSP90B1; Polyclonal Antibody; HSP90B1 Antibody (N-term); Endoplasmic; 94 kDa glucose-regulated protein; GRP-94; Heat shock protein 90 kDa beta member 1; Tumor rejection antigen 1; gp96 homolog; GRP94; TRA1; anti-HSP90B1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, hamster, mouse (Predicted Reactivity: Bovine, Chicken, Monkey, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HSP90B1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 16-43 amino acids from the N-terminal region of human HSP90B1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	16-43
Sequence Length	803
Applicable Applications for anti-HSP90B1 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Confocal immunofluorescent analysis of HSP90B1 Antibody (N-term) with NCI-H460 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



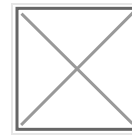
FCM/FACS (Flow Cytometry)

HSP90B1 Antibody (N-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

HSP90B1 Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the HSP90B1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

HSP90B1 Antibody (N-term) western blot analysis in HepG2, CHO, K562, Hela cell line and mouse liver tissue lysates (35ug/lane). This demonstrates the HSP90B1 antibody detected the HSP90B1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-HSP90B1 antibody	HSP90B1 is 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.
Product Categories/Family for anti-HSP90B1 antibody	Cancer ; Metabolism ; Signal Transduction
References	Koo, B.H., et al. J. Biol. Chem. 285(1):197-205(2010) Suriano, R., et al. Glycobiology 19(12):1427-1435(2009) Lev, A., et al. J. Immunol. 183(7):4205-4210(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507677
NCBI GeneID	7184
NCBI Accession #	NP_003290.1
NCBI GenBank Nucleotide #	NM_003299.2
UniProt Accession #	P14625 ; Q96A97
Molecular Weight	92469
NCBI Official Full Name	endoplasmin
NCBI Official Synonym Full Names	heat shock protein 90kDa beta (Grp94), member 1
NCBI Official Symbol	HSP90B1
NCBI Official Synonym Symbols	ECGP; GP96; TRA1; GRP94; HEL35; HEL-S-125m
NCBI Protein Information	endoplasmin
UniProt Protein Name	Endoplasmin
UniProt Gene Name	HSP90B1
UniProt Synonym Gene Names	GRP94; TRA1; GRP-94
UniProt Entry Name	ENPL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hsp90b1-antibody-immunofluorescence-flow-cytometry-immunohistochemistry-western-blot-elisa/288251>