

Rabbit GRP94 Polyclonal Antibody | anti-HSP90B1 antibody

Anti-GRP94 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45169	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunohistochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

GRP94; Polyclonal Antibody; Anti-GRP94 antibody; Endoplasmin; heat shock protein 90kDa beta(Grp94); member 1; 94 kDa glucose regulated protein antibody; 94 kDa glucose-regulated protein antibody; ECGP antibody; Endoplasmin antibody; Endothelial cell(HBMEC) glycoprotein antibody; ENPL_HUMAN antibody; Glucose regulated protein 94 antibody; Glucose regulated protein 94kDa antibody; gp96 antibody; gp96 homolog antibody; GRP 94 antibody; GRP-94 antibody; Heat shock protein 90 kDa beta member 1 antibody; member 1 antibody; Heat shock protein; 90 kDa; beta; 1 antibody; HSP90B1 antibody; Stress inducible tumor rejection antigen GP96 antibody; TRA1 antibody; tumor rejection antigen(gp96) 1 antibody; Tumor rejection antigen 1 antibody; Tumor rejection antigen gp96 antibody; Tumor rejection antigen-1(gp96) antibody; anti-HSP90B1 antibody

PRODUCT SPECIFICATIONS

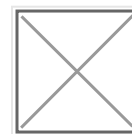
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	803
Applicable Applications for anti-HSP90B1 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human GRP94 (687-700aa INPRHPLIRDMLRR), identical to the related mouse and rat sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Applications: Western BlotSample: Cell lysateDetection: Enhanced chemiluminescence"This is an excellent antibody to endoplasmin in HC11 cells. Clean, reliable detection with very little if any background. Great antibody for Westerns. Could probably be optimized for 1 hour primary incubation."



IHC (Immunohistochemistry)

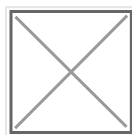
Anti-GRP94 antibody, AAA45169, IHC(P)IHC(P): Rat Brain Tissue

**IHC (Immunohistochemistry)**

Anti-GRP94 antibody, AAA45169, IHC(P)IHC(P): Human Lung Cancer Tissue

**IHC (Immunohistochemistry)**

Anti-GRP94 antibody, AAA45169, IHC(P)IHC(P): HELA Cell

**WB (Western Blot)**

Anti-GRP94 antibody, AAA45169, Western blottingLane 1: RAJI Cell LysateLane 2: MCF-7 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-HSP90B1 antibody

Description: Rabbit IgG polyclonal antibody for Endoplasmic Reticulum (HSP90B1) detection. Tested with WB, IHC-P, IHC-F, ICC in Human, Mouse, Rat.

Background: Heat shock protein HSP 90-beta is a protein that in humans is encoded by the HSP90AB1 gene. Hsp90beta is mapped to chromosome 12q23.3. The function of Hsp90beta includes assisting in protein folding, cell signaling, and tumor repression. This protein was first isolated by extracting proteins from stressed cells. These cells were stressed by heating, dehydrating or by other means, all of which caused the cell's proteins to begin to denature.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119360
NCBI GeneID	7184
UniProt Accession #	P14625; Q96A97
Molecular Weight	92,469 Da
NCBI Official Full Name	Endoplasmic Reticulum
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	endoplasmic; tumor rejection antigen 1; epididymis luminal protein 35; 94 kDa glucose-regulated protein; tumor rejection antigen (gp96) 1; endothelial cell (HBMEC) glycoprotein; heat shock protein 90 kDa beta member 1; stress-inducible tumor rejection antigen gp96; epididymis secretory sperm binding protein Li 125m
UniProt Protein Name	Endoplasmic Reticulum
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/grp94-antibody-immunocytochemistry-immunohistochemistry-immunohistochemistry-western-blot-elisa/45169>