

Rabbit HSP90 alpha Polyclonal Antibody | anti-HSP86; Heat shock protein 90 alpha antibody

HSP90 alpha polyclonal antibody

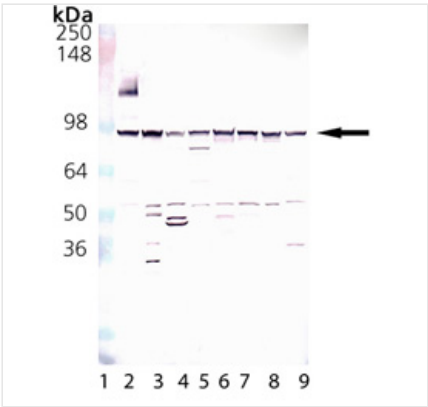
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA76998	Rabbit	Human, Mouse, Rat, Beluga, Bovine, Dog, Fish, Guinea pig, Hamster, Monkey, Porcine, Rabbit, Sheep, Xenopus	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

HSP90 alpha; Polyclonal Antibody; HSP90 alpha polyclonal antibody; anti-HSP86; Heat shock protein 90 alpha antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Beluga, Bovine, Dog, Fish, Guinea pig, Hamster, Monkey, Porcine, Rabbit, Sheep, Xenopus
Clonality	Polyclonal
Specificity	Recognizes human, mouse, rat, bovine, beluga, dog, fish, guinea pig, hamster, monkey, pig, rabbit, sheep and Xenopus HSP90 alpha. Detects a band of ~90kDa by Western blot.
Purity/Purification	Protein A affinity purified.
Form/Format	Liquid. In PBS containing 0.09% sodium azide and 50% glycerol.
Sequence Length	733
Applicable Applications for anti-HSP86; Heat shock protein 90 alpha antibody	IA (Inhibition Assay), WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Synthetic peptide corresponding to a portion of mouse Hsp86.
Source	Purified from rabbit serum.
Preparation and Storage	Long term storage: -20 degree C Avoid freeze/thaw cycles.



WB (Western Blot)
Western blot analysis of HSP90α; pAb : Lane 1: MW Marker, Lane 2: HeLa Cell Lysate (heat shocked), Lane 3: PC-12 Cell Lysate (heat shocked), Lane 4: 3T3 Cell Lysate (heat shocked), Lane 5: CHO-K1 Cell Lysate (heat shocked), Lane 6: MDBK Cell Lysate (heat shocked), Lane 7: MDCK Cell Lysate (heat shocked), Lane 8: Vero Cell Lysate (heat shocked), Lane 9: RK-13 Cell Lysate (heat shocked)

ADDITIONAL INFORMATION

Related Product Information for anti-HSP86; Heat shock protein 90 alpha antibody	The Hsp90 family of heat shock proteins represents one of the most abundantly expressed and highly conserved families of cellular chaperones whose expression can be upregulated under conditions of cellular stress, and includes cytoplasmic (Hsp90-alpha/beta), ER (grp94), and mitochondrial (TRAP1) localized members. Structurally, Hsp90 is characterized by an N-terminal ATP-binding domain, a medial substrate-binding domain, and a C-terminal dimerization motif. Hsp90 dimers function in cooperation with cochaperones (e.g. Hsp40, Hsp70, Hop, p23) to stabilize a multitude of client protein substrates, including steroid hormone receptors, protein kinases, and transcription factors. The essential binding and hydrolysis of ATP by Hsp90 is inhibited by ansamycin drugs (e.g. geldanamycin, 17-AAG) which occupy the N-terminal Hsp90 nucleotide-binding pocket. Many Hsp90 client proteins such as erbB2/Her-2, c-raf, bcr-abl, p53, and hTERT, are members of well characterized oncogenic pathways, making Hsp90 inhibitors useful anticancer agents.
Product Categories/Family for anti-HSP86; Heat shock protein 90 alpha antibody	Protein Synthesis & Folding ; Proteolysis & Protein Degradation ; Cell Death

NCBI AND UNIPROT INFORMATION

NCBI GI #	1170384
NCBI GeneID	15519
UniProt Accession #	P07901
NCBI Official Full Name	Heat shock protein HSP 90-alpha
NCBI Official Synonym Full Names	heat shock protein 90, alpha (cytosolic), class A member 1
NCBI Official Symbol	Hsp90aa1
NCBI Official Synonym Symbols	hsp4; 86kDa; 89kDa; Hsp89; Hsp90; Hspca; Hsp86-1; AL024080; AL024147
NCBI Protein Information	heat shock protein HSP 90-alpha
UniProt Protein Name	Heat shock protein HSP 90-alpha
UniProt Gene Name	Hsp90aa1
UniProt Synonym Gene Names	Hsp86; Hsp86-1; Hspca; HSP 86; HSP86; TSTA
UniProt Entry Name	HS90A_MOUSE

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/hsp90-alpha-antibody-inhibition-assay-western-blot-immunohistochemistry-elisa/76998>