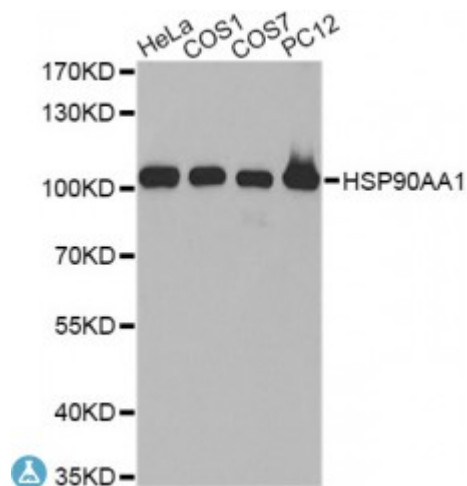


Anti-HSP90AA1 Antibody



Description

The protein encoded by this gene is an inducible molecular chaperone that functions as a homodimer. The encoded protein aids in the proper folding of specific target proteins by use of an ATPase activity that is modulated by co-chaperones. Two transcript variants encoding different isoforms have been found for this gene.

Model	STJ115462
Host	Rabbit
Reactivity	Human, Mouse, Rat, Simian
Applications	IP, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 433-732 of human HSP90AA1 (NP_005339.3).
Gene ID	3320
Gene Symbol	HSP90AA1
Dilution range	WB 1:500 - 1:2000 IP 1:20 - 1:50
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Heat shock protein HSP 90-alpha Heat shock 86 kDa HSP 86 HSP86 Lipopolysaccharide-associated protein 2 LAP-2 LPS-associated protein 2 Renal carcinoma antigen NY-REN-38
Molecular Weight	84.66 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:5253OMIM:140571Reactome:R-HSA-1227986
Alternative Names	Heat shock protein HSP 90-alpha Heat shock 86 kDa HSP 86 HSP86 Lipopolysaccharide-associated protein 2 LAP-2 LPS-associated protein 2 Renal carcinoma antigen NY-REN-38
Function	Molecular chaperone that promotes the maturation, structural maintenance and proper regulation of specific target proteins involved for instance in cell cycle control and signal transduction, Undergoes a functional cycle that is linked to its ATPase activity which is essential for its chaperone activity, This cycle probably induces conformational changes in the client proteins, thereby causing their activation, Interacts dynamically with various co-chaperones that modulate its substrate recognition, ATPase cycle and chaperone function ,
Cellular Localization	Nucleus,
Post-translational Modifications	ISGylated,

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