



# HSP 90 (Acetyl Lys435) rabbit pAb

Cat No.:ES1105

For research use only

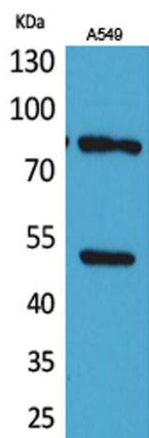
## Overview

<b>Product Name</b>	HSP 90 (Acetyl Lys435) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	Synthesized acetyl-peptide derived from the human HSP 90 around the acetylation site of K435.
<b>Specificity</b>	Acetyl-HSP 90 (K435) Polyclonal Antibody detects endogenous levels of HSP 90 protein only when acetylated at K435.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Heat shock protein HSP 90-alpha
<b>Gene Name</b>	HSP90AA1
<b>Cellular localization</b>	Nucleus . Cytoplasm . Melanosome . Cell membrane . Mitochondrion . Identified by mass spectrometry in melanosome fractions from stage I to stage IV.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	85kD
<b>Human Gene ID</b>	3320
<b>Human Swiss-Prot Number</b>	P07900
<b>Alternative Names</b>	HSP90AA1; HSP90A; HSPC1; HSPCA; Heat shock protein HSP 90-alpha; Heat shock 86 kDa; HSP 86; HSP86; Renal carcinoma antigen NY-REN-38
<b>Background</b>	The protein encoded by this gene is an inducible molecular chaperone that functions as a

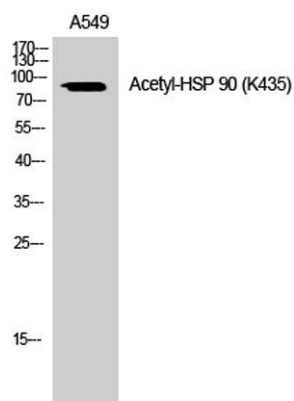




homodimer. The encoded protein aids in the proper folding of specific target proteins by use of an ATPase activity that is modulated by co-chaperones. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012],



Western Blot analysis of A549 cells using Acetyl-HSP 90 (K435) Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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