Best Tools for immunology Research

HSP90α (Phospho Thr5/7) rabbit pAb

Catalog No :	YP1357
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	HSP 90
Fields :	>>Protein processing in endoplasmic reticulum;>>PI3K-Akt signaling pathway;>>Necroptosis;>>Antigen processing and presentation;>>NOD-like receptor signaling pathway;>>IL-17 signaling pathway;>>Th17 cell differentiation;>>Progesterone-mediated oocyte maturation;>>Estrogen signaling pathway;>>Salmonella infection;>>Pathways in cancer;>>Chemical carcinogenesis - receptor activation;>>Prostate cancer;>>Lipid and atherosclerosis;>>Fluid shear stress and atherosclerosis
Gene Name :	HSP90AA1 HSP90A HSPC1 HSPCA
Protein Name :	HSP90α (Thr5/7)
Human Gene Id :	3320
Human Swiss Prot No :	P07900
Mouse Gene Id :	15519
Mouse Swiss Prot No :	P07901
Rat Gene Id :	299331
Rat Swiss Prot No :	P82995
Immunogen :	Synthesized phosho peptide around human HSP90α (Thr5 and 7)
Specificity :	This antibody detects endogenous levels of Human Mouse Rat HSP90α (phospho-Thr5 or 7)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

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Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	85kD
Cell Pathway :	PI3K/Akt; Protein_Acetylation
Background :	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],
Function :	caution:Despite classification as a pseudogene, the existence of this protein is supported by unambiguous mass spectrometry evidence.,function:Molecular chaperone.,function:Molecular chaperone. Has ATPase activity.,similarity:Belongs to the heat shock protein 90 family.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,subunit:Homodimer. Interacts with AHSA1, SMYD3 and TOM34. Interacts with FNIP1 and HSF1.,
Subcellular Location :	Nucleus . Cytoplasm . Melanosome . Cell membrane . Mitochondrion . Identified by mass spectrometry in melanosome fractions from stage I to stage IV.
Expression :	Adult brain,Brain,Brain cortex,Breast,Cajal-Retzius
Sort :	7940
No4 :	1
Host :	Rabbit
Modifications :	Phospho

Products Images