

HSP90 Polyclonal Antibody

Catalog No :	YT5327	
Reactivity :	Human;Mouse;Rat	
Applications :	WB;IHC;IF;ELISA	
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/HSP90AB1	
Protein Name :	Heat shock protein HSP 90-alpha/Heat shock protein HSP 90-beta	
Human Gene Id :	3326	
Human Swiss Prot	P07900/P08238	
No : Mouse Gene Id :	15519/15516	
Mouse Curice Dret	P07001/P11400	
No:	P000001/201050	
Rat Gene Id :	299331/301252	
Rat Swiss Prot No :	P82995/P34058	
Immunogen :	The antiserum was produced against synthesized peptide derived from human HSP90A/B around the non-acetylation site of Lys292/284. AA range:251-300	
Specificity :	HSP 90 Polyclonal Antibody detects endogenous levels of HSP 90 protein.	
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 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:20000 IF 1:50-200	
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity- chromatography using epitope-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 :	Antigen processing and presentation;NOD-like receptor;Progesterone-mediated oocyte maturation;Pathways in cancer;Prostate cancer;	
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	
Tag :	orthogonal	
Sort :	1	
No4 :	1	

Products Images





Guo, H., Chen, B., Yan, Z. et al. Metabolites profiling and pharmacokinetics of troxipide and its pharmacodynamics in rats with gastric ulcer. Sci Rep 10, 13619 (2020).

KDa	Jurkat
130	
100	
70	
55	
40	
35	-
25	

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



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100





Western blot analysis of extracts from Jurkat cells, using HSP90A/B (Ab-292/284) Antibody.