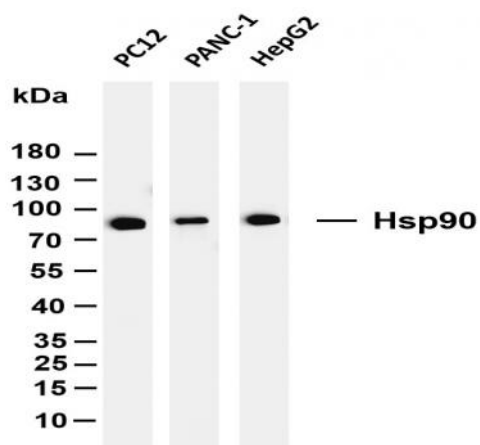


Hsp90 (PT0053R) PT® Rabbit mAb

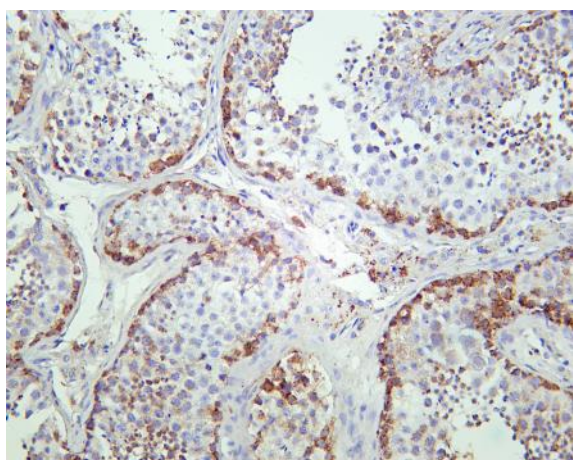
Catalog No :	YM8026
Reactivity :	Human; Mouse; Rat;
Applications :	WB;IHC;IF;IP;ELISA
Target :	HSP90B
Fields :	>>Protein processing in endoplasmic reticulum;>>PI3K-Akt signaling pathway;>>Necroptosis;>>Antigen processing and presentation;>>NOD-like receptor signaling pathway;>>IL-17 signaling pathway;>>Th17 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 :	HSP90AB1
Protein Name :	Heat shock protein HSP 90-beta
Human Gene Id :	3326
Human Swiss Prot No :	P08238
Mouse Gene Id :	15516
Mouse Swiss Prot No :	P11499
Rat Gene Id :	301252
Rat Swiss Prot No :	P34058
Specificity :	endogenous
Formulation :	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source :	Monoclonal, rabbit, IgG, Kappa

Dilution :	IHC 1:200-1000, WB 1:1000-5000, IF 1:200-1000, ELISA 1:5000-20000, IP 1:50-200
Purification :	Protein A
Storage Stability :	-15°C to -25°C/1 year (Do not lower than -25°C)
Molecularweight :	85kD
Observed Band :	85kD
Cell Pathway :	PI3K/Akt; Protein_Acetylation
Background :	<p>This gene encodes a member of the heat shock protein 90 family; these proteins are involved in signal transduction, protein folding and degradation and morphological evolution. This gene encodes the constitutive form of the cytosolic 90 kDa heat-shock protein and is thought to play a role in gastric apoptosis and inflammation. Alternative splicing results in multiple transcript variants. Pseudogenes have been identified on multiple chromosomes. [provided by RefSeq, Dec 2012],</p>
Function :	<p>function:Molecular chaperone. Has ATPase activity., PTM:Phosphorylated upon DNA damage, probably by ATM or ATR., 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 TP53/p53 (By similarity). Interacts with UNC45A. Binding to UNC45A involves 2 UNC45A monomers per HSP90AB1 dimer.,</p>
Subcellular Location :	Cytoplasm, Nuclear
Expression :	Amygdala, Brain cortex, Colon, Colon carcinoma, Embryon
Tag :	hot, recombinant
Sort :	7945
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

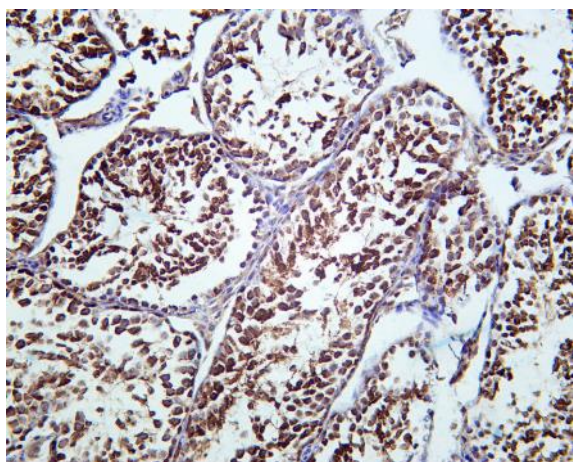
Products Images



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Hsp90 (PT0053R) antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: PC12 Lane 2: PANC-1 Lane 3: HepG2 Predicted band size: 85kDa Observed band size: 85kDa



Human tonsil testis was stained with Anti-HSP90 (PT0053R) rabbit Antibody



Mouse testis was stained with Anti-HSP90 (PT0053R) rabbit Antibody