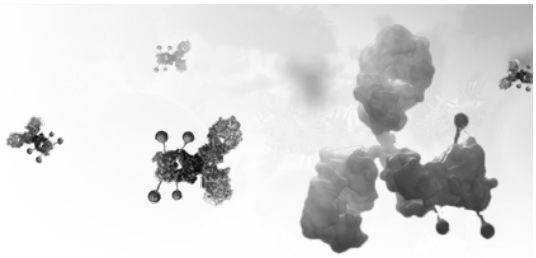

Anti-HSP90B1 (aa 590-640) polyclonal antibody (CPBT-66121RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This product recognises Human Heat Shock Protein 90kDa beta 1 (HSP90B1), an Endoplasmic reticulum associated protein belonging to the HSP90 family. HSP90B1 is functions as a molecular chaperone for the transport of secreted proteins. Research has also indicated that it may function in other processes such as prevention of apoptosis. Immunohistology This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections.
Specificity	HSP90B1
Immunogen	Synthetic peptide sequence corresponding to a region between amino acids 590-640 of human HSP90B1 - conjugated to KLH.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Bovine, Chimpanzee, Horse, Monkey, Mouse, Rat, Xenopus, Zebrafish
Conjugate	Unconjugated
Applications	IHC-P; WB
Format	Purified IgG - liquid
Size	50 µg
Preservative	0.05% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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GENE INFORMATION

Gene Name	HSP90B1 heat shock protein 90kDa beta (Grp94), member 1 [Homo sapiens (human)]
Official Symbol	HSP90B1
Synonyms	HSP90B1; heat shock protein 90kDa beta (Grp94), member 1; ECGP; GP96; TRA1; GRP94; HEL35; HEL-S-125m; endoplasmin; tumor rejection antigen 1; epididymis luminal protein 35; 94 kDa glucose-regulated protein; tumor rejection antigen (gp96) 1; endothelial ce
Entrez Gene ID	7184
Protein Refseq	NP_003290
UniProt ID	P14625
Chromosome Location	12q24.2-q24.3
Pathway	ATF6-alpha activates chaperone genes; ATF6-alpha activates chaperones; Binding and Uptake of Ligands by Scavenger Receptors; Estrogen signaling pathway; IL6-mediated signaling events; Immune System; Innate Immune System; Metabolism of proteins;
Function	ATP binding; RNA binding; calcium ion binding; low-density lipoprotein particle receptor binding; protein binding; protein phosphatase binding; unfolded protein binding; virion binding;

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