



# Anti-HSP90B1 (aa 2-13) polyclonal antibody (DPAB-DC955)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	HSP90B1 (heat shock protein 90kDa beta (Grp94), member 1) is a protein-coding gene. Diseases associated with HSP90B1 include globozoospermia, and oral cavity cancer, and among its related super-pathways are Activation of Chaperones by ATF6-alpha and Immune System. GO annotations related to this gene include unfolded protein binding and calcium ion binding. An important paralog of this gene is TRAP1.
<b>Specificity</b>	This antibody recognizes a protein of 84 KDa identified as heat shock protein 90beta. Anti-HSP90beta does not cross-react with HSP90alpha.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids 2-13 of mouse Hsp90b1. The sequence is PEEVHHGEEVE-Cys
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IP,
<b>Format</b>	Liquid
<b>Size</b>	500 µg
<b>Buffer</b>	In 10 mM PBS, pH 7.4 (0.09% sodium azide)
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Store at 4°C.

# GENE INFORMATION

Gene Name	<a href="#">Hsp90b1 heat shock protein 90, beta (Grp94), member 1 [ Mus musculus (house mouse) ]</a>
Official Symbol	HSP90B1
Synonyms	HSP90B1; heat shock protein 90, beta (Grp94), member 1; TA-3; Tra1; gp96; ERp99; GRP94; Targ2; Tra-1; endoplasmin; endoplasmin; tumor rejection antigen gp96; 94 kDa glucose-regulated protein; tumor rejection antigen (gp96) 1; polymorphic tumor rejection antigen 1; heat shock protein 90 kDa beta member 1; endoplasmic reticulum resident protein 99; transforming growth factor alpha regulated gene 2;
Entrez Gene ID	<a href="#">22027</a>
Protein Refseq	<a href="#">NP_035761</a>
UniProt ID	<a href="#">P08113</a>
Chromosome Location	10 C1; 10 43.05 cM
Pathway	ATF6-alpha activates chaperone genes; Binding and Uptake of Ligands by Scavenger Receptors; Estrogen signaling pathway; Innate Immune System
Function	ATP binding; RNA binding; low-density lipoprotein particle receptor binding; nucleotide binding