



Rabbit Anti-Human HSP90B1 polyclonal antibody (CABT-L1772)

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

PRODUCT INFORMATION

Specificity	This antibody may react with (Predicted by homology) : Bovine, Dog, Bovine, Dog,
Target	HSP90B1
Immunogen	Synthetic peptide corresponding to C-terminus of human GRP94 protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunoaffinity purified
Conjugate	Unconjugated
Applications	IHC-P, WB
Molecular Weight	94 kDa
Cellular Localization	Cytoplasm
Positive Control	Breast Carcinoma
Format	Liquid
Buffer	PBS, 1% BSA, pH 7.6
Preservative	< 0.1% Sodium Azide
Storage	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly

stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

BACKGROUND

Introduction

Heat shock protein (HSP) molecular chaperones are environmental stressinducible gene products. The human HSP 90 family includes 17 genes that fall into four classes: HSP90AA, HSP90AB, HSP90B and TRAP. HSP 90 β , also designated HSP90B, HSP 84 and HSPC2, is a cytosolic protein that participates in signaling pathways with PKC ϵ to protect cells from external damage, particularly in heat shock-mediated events. GRP 94 (glucose regulated protein 94 kDa) , also known as tumor rejection antigen 1 (TRA1) , ECGP and GP96, localizes to the ER, is highly expressed in BGC-823 human gastric carcinoma cells and is upregulated in human endothelial cells in response to hypoxia by HIF-1.

Keywords

HSP90B1;heat shock protein 90kDa beta (Grp94) , member
1;ECGP;GP96;TRA1;GRP94;HEL35;HEL-S-125m;endoplasmin;tumor rejection antigen 1

GENE INFORMATION

Entrez Gene ID

[7184](#)

UniProt ID

[P14625](#)