

Polyclonal Antibody to Heat Shock Protein 90kDa Beta 1 (HSP90b1)

Heat Shock Protein 90kDa Beta 1

Catalog # AP74595

Product Information

Application	WB
Primary Accession	P08113
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	92476

Additional Information

Gene ID	22027
Other Names	HSP90-B1; ECGP; GP96; GRP94; TRA1; Glycoprotein 96; Tumor Rejection Antigen(gp96)1;94 kDa glucose-regulated protein; Endoplasmin
Target/Specificity	Mus musculus (Mouse)
Dilution	WB~~Western blotting: 0.5-2 μ g/mL;1:130-500 Immunohistochemistry: 5-20 μ g/mL;1:13-50 Immunocytochemistry: 5-20 μ g/mL;1:13-50 Optimal working dilutions must be determined by end user.
Format	PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	Hsp90b1
Function	ATP-dependent chaperone involved in the processing of proteins in the endoplasmic reticulum, regulating their transport (PubMed: 20865800 , PubMed: 23572575). Together with MESD, acts as a modulator of the Wnt pathway by promoting the folding of LRP6, a coreceptor of the canonical Wnt pathway (PubMed: 23572575). When associated with CNPY3, required for proper folding of Toll-like receptors (PubMed: 20865800). Promotes folding and trafficking of TLR4 to the cell surface (By similarity). May participate in the unfolding of cytosolic leaderless cargos (lacking the secretion signal sequence) such as the interleukin 1/IL-1 to facilitate their translocation into the ERGIC (endoplasmic reticulum-Golgi intermediate compartment) and secretion; the translocation process is mediated by the cargo receptor

TMED10 (By similarity).

Cellular Location

Endoplasmic reticulum lumen. Sarcoplasmic reticulum lumen
{ECO:0000250|UniProtKB:P41148}. Melanosome
{ECO:0000250|UniProtKB:P14625}

Images

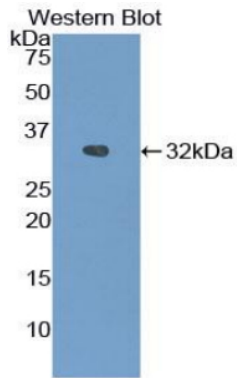


Figure. Western Blot; Sample: Recombinant HSP90b1, Mouse.

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