

Product datasheet for **TA309400**

HSP90AB1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB, ELISA, IP, IHC
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Purified recombinant human Hsp90beta.
Formulation:	PBS pH7.4, 50% glycerol, 0.09% sodium azide, 0.09% sodium azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	heat shock protein 90kDa alpha family class B member 1
Database Link:	NP_031381 Entrez Gene 15516 Mouse Entrez Gene 301252 Rat Entrez Gene 3326 Human P08238

Background: HSP90 proteins are highly conserved molecular chaperones that have key roles in signal transduction, protein folding, protein degradation, and morphologic evolution. HSP90 proteins normally associate with other cochaperones and play important roles in folding newly synthesized proteins or stabilizing and refolding denatured proteins after stress. There are 2 major cytosolic HSP90 proteins, HSP90AA1 (MIM 140571), an inducible form, and HSP90AB1, a constitutive form. Other HSP90 proteins are found in endoplasmic reticulum (HSP90B1; MIM 191175) and mitochondria (TRAP1; MIM 606219) (Chen et al., 2005 [PubMed 16269234]). [supplied by OMIM]

Synonyms: D6S182; HSP84; HSP90B; HSPC2; HSPCB

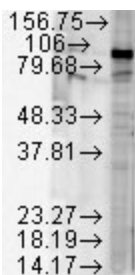
Protein Families: Druggable Genome, Stem cell - Pluripotency

Protein Pathways: Antigen processing and presentation, NOD-like receptor signaling pathway, Pathways in cancer, Progesterone-mediated oocyte maturation, Prostate cancer



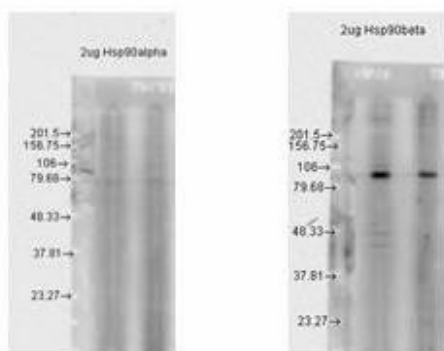
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Product images:

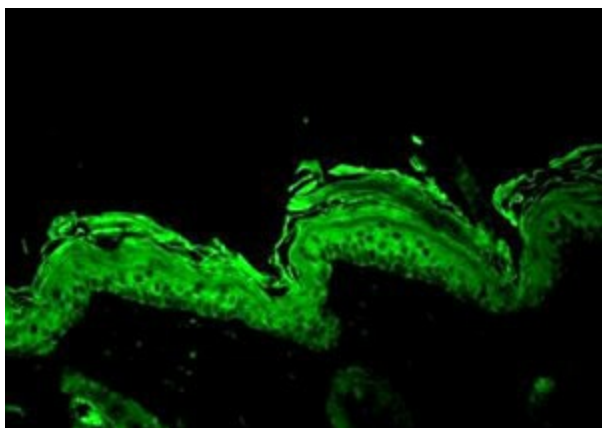


Western blot analysis of Hsp90Beta in a cell line mix, using a 1:2000 dilution of TA309400.

SPC-177 specificity (human hsp90alpha and beta)



Analysis showing the specificity of TA309400. Left: 2ug of Hsp90Alpha, Right: 2ug Hsp90Beta.



Hsp90Beta visualized using TA309400, tested on Bouin's fixed, paraffin embedded backskin sections of transgenic mice.