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Product datasheet for AP23429PU-N

HSP90AA1 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western blot: 1µg/ml. Immunohistochemistry on paraffin sections: 1µg/ml.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminal of human HSP90 (798-815 aa), identical to the related mouse and rat sequence.
Specificity:	This antibody detects Heat Shock Protein 90 / HSP90 (C-term). No cross reactivity with other proteins.
Formulation:	5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3 State: Aff - Purified State: Lyophilized Ig fraction
Reconstitution Method:	0.2ml of distilled water will yield a concentration of 500µg/ml
Purification:	Immunoaffinity chromatography
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	heat shock protein 90kDa alpha family class A member 1
Database Link:	Entrez Gene 15519 MouseEntrez Gene 299331 RatEntrez Gene 3320 Human P07900

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Background:	Heat Shock Protein 90 (HSP70) exists in multiple forms in mammalian cells. It has a unique 30-amino acid N terminus instead of the 223-amino acid TP/geldanamycin-binding domain found at the N terminus of full-length HSPCA, which contains 732 amino acids. Functional proteomic screens reveal an essential extracellular role for hsp90-alpha in cancer cell invasiveness.
Synonyms:	HSP90AB1, HSP90B, HSPC2, HSPCB, HSP84, HSP-90, HSP-84, Heat shock protein HSP 90-beta, HSP84, HSP-84, HSP90AA1, HSP90A, HSPC1, HSPCA, HSP86, HSP-86, Renal carcinoma antigen NY-REN-38, Heat shock protein HSP 90-alpha, HSP86, HSP-86
Protein Families:	Druggable Genome
Protein Pathways:	Antigen processing and presentation, NOD-like receptor signaling pathway, Pathways in cancer, Progesterone-mediated oocyte maturation, Prostate cancer