Product datasheet for AP22747PU-N

HSP90AA1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies
Applications: IHC, WB
Recommend Dilution: Immunohistochemistry on Paraffin Sections: 10 µg/ml.
Western Blot: 1/1000.
Reactivity: Human, Mouse, Rabbit, Rat
Host: Rabbit
Clonality: Polyclonal
Immunogen: Recombinant human Hsp90 R protein
Specificity: This antibody reacts to Heat Shock Protein 90 (HSP90).
Formulation: PBS containing 0.09% azide, 50% glycerol
State: Purified
State: Liquid purified Ig fraction
Concentration: lot specific
Purification: Protein A chromatography
Storage: Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability: Shelf life: one year from despatch.
Gene Name: Homo sapiens heat shock protein 90kDa alpha family class A member 1 (HSP90AA1), transcript variant 2
Database Link: Entrez Gene 15519 Mouse, Entrez Gene 299331 Rat, Entrez Gene 3320 Human
Background: Hsp90 (heat shock protein 90) is a chaperone protein that assists other proteins to fold properly, stabilizes proteins against heat stress, and aids in protein degradation. It also stabilizes a number of proteins required for tumor growth, which is why Hsp90 inhibitors are investigated as anti-cancer drugs. Heat shock proteins, as a class, are among the most highly expressed cellular proteins across all species.
Synonyms: HSP90AB1, HSP90B, HSPC2, HSPCB, HSP84, HSP-90, 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

Product images:

Human Spleen (formalin-fixed, paraffin-embedded) stained with Heat Shock Protein 90 (HSP90) antibody at 10 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.