HSP90 α Monoclonal Antibody

E20-53596

Catalog Number:E20-53596

Product name:HSP90 α Monoclonal Antibody

Amount:100ul

Applications:WB,IHC-p

Reactivity:,Human,Rat,Mouse

Gene Name:HSP90AA1

Protein Name: Heat shock protein HSP 90-alpha (Heat shock 86 kDa) (HSP 86) (HSP86) (Renal carcinoma antigen NY-REN-38)

Human Gene Id:3320

Human Swiss Prot No:P07900

Mouse Swiss Prot No:P07901

Rat Swiss Prot No:P82995

Immunogen: Synthesized peptide derived from the C-terminal region of human HSP90A. at AA range: 660-740

Specificity: The antibody detects endogenous HSP90 α protein

Formulation: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Mouse

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

Purification: The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration:1 mg/ml

Storage Stability:-20°C/1 year

Other Name: Heat shock protein HSP 90-alpha (Heat shock 86 kDa) (HSP 86) (HSP86) (Renal carcinoma antigen NY-REN-38)

Observed Band(KD):95

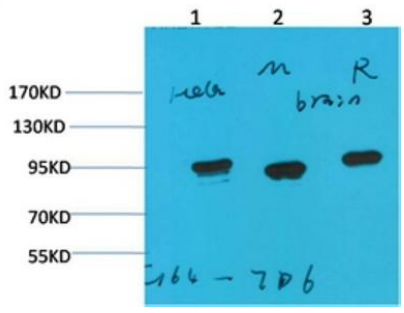
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Background:heat shock protein 90 alpha family class A member 1(HSP90AA1) Homo sapiens The protein encoded by this gene is an inducible molecular chaperone that functions as a homodimer. The encoded protein aids in the proper folding of specific target proteins by use of an ATPase activity that is modulated by co-chaperones. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012].

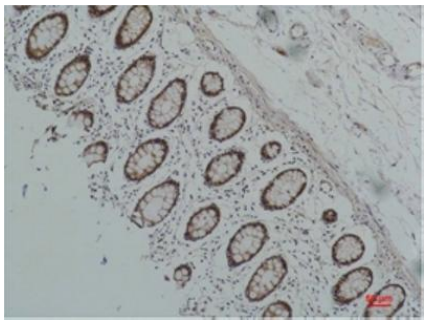
Function:caution:Despite classification as a pseudogene, the existence of this protein is supported by unambiguous mass spectrometry evidence.,function:Molecular chaperone.,function:Molecular chaperone. Has ATPase activity.,similarity:Belongs to the heat shock protein 90 family.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to stage IV., subunit: Homodimer. Interacts with AHSA1, SMYD3 and TOM34. Interacts with FNIP1 and HSF1.

Subcellular Location:extracellular region,nucleus,nucleoplasm,cytoplasm,cytosol,plasma membrane, cell surface, membrane,basolateral plasma membrane,apical plasma membrane,extracellular matrix, brush border membrane.

Expression: Adult brain,Brain,Brain cortex,Breast.



Western blot analysis of 1)Hela, 2)Mouse Brain Tissue, 3) Rat Brain Tissue with HSP90 a Mouse mAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Colon Carcinoma using HSP90 α Mouse mAb diluted at 1:200.