



Datasheet for ABIN7267588  
**anti-HSP90AA1 antibody**



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	HSP90AA1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This HSP90AA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Hsp90α Rabbit mAb
Immunogen:	A synthesized peptide derived from human Hsp90alpha
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	HSP90AA1
Alternative Name:	HSP90AA1 ( <a href="#">HSP90AA1 Products</a> )
Background:	The protein encoded by this gene is an inducible molecular chaperone that functions as a

## Target Details

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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],EL52, HEL-S-65p, HSP86, HSP89A, HSP90A, HSP90N, HSPC1, HSPCA, HSPCAL1, HSPCAL4, HSPN, Hsp103, Hsp89, Hsp90, LAP-2, LAP2,Apoptosis,Apoptosis\_Inhibition of Apoptosis,Cancer,Cell Biology & Developmental Biology,Cell Cycle,Cytoskeleton,Cytoskeleton\_Actins,Endocrine & Metabolism,Epigenetics & Nuclear Signaling,Extracellular Matrix,Extracellular Matrix\_MMPs,Immunology & Inflammation,Invasion and Metastasis,Mitochondrial metabolism,Nuclear Receptor Signaling,RNA Binding,Signal Transduction,HSP90AA1

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Molecular Weight: 85kDa

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Gene ID: 3320

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UniProt: [P07900](#)

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Pathways: [M Phase](#), [Regulation of Cell Size](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [VEGFR1 Specific Signals](#)

## Application Details

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Application Notes: WB,1:500 - 1:2000,IP,1:50 - 1:200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

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Preservative: Sodium azide

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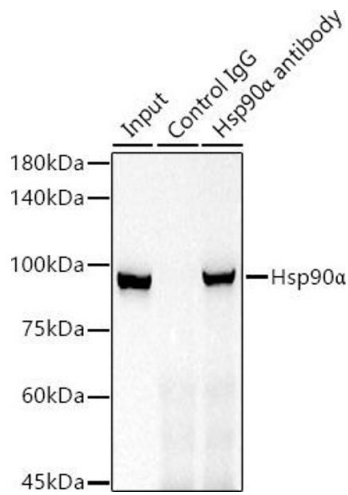
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

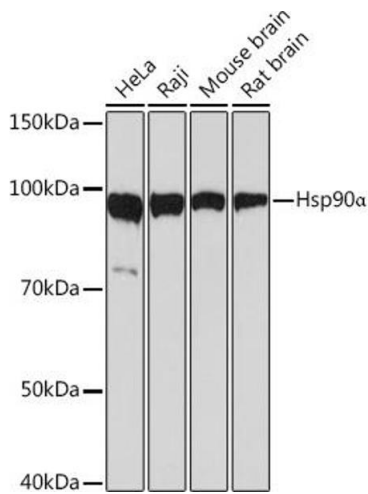
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Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Immunoprecipitation

**Image 1.** Immunoprecipitation analysis of 300 µg extracts of 293T cells using 3 µg Hsp90α antibody (ABIN7267588). Western blot was performed from the immunoprecipitate using Hsp90α antibody (ABIN7267588) at a dilution of 1:1000.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using Hsp90α Rabbit mAb (ABIN7267588) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.