

Datasheet for ABIN2779296
anti-HSP90AA1 antibody (N-Term)

4 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	HSP90AA1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Guinea Pig, Sheep, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSP90AA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HSP90AA1
Sequence:	HLYKDLQPFILRLLMPEETQTQDQPMEEE EVETFAFQAE IAQLMSLIIN
Predicted Reactivity:	Cow: 92%, Guinea Pig: 100%, Horse: 92%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 92%
Characteristics:	This is a rabbit polyclonal antibody against HSP90AA1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HSP90AA1
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Target Details

Alternative Name:	HSP90AA1 (HSP90AA1 Products)
Background:	<p>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, an inducible form, and HSP90AB1 (MIM 140572), a constitutive form. Other HSP90 proteins are found in endoplasmic reticulum (HSP90B1, MIM 191175) and mitochondria (TRAP1, MIM 606219).</p> <p>Alias Symbols: FLJ31884, HSP86, HSP90A, HSP90N, HSPC1, HSPCA, HSPCAL1, HSPCAL4, HSPN, Hsp89, Hsp90, LAP2, HSP89A</p> <p>Protein Interaction Partner: AHSA1, STUB1, HUWE1, ISG15, RAF1, PTGDS, PTGDR, SIRT1, CDC37, STIP1, HSF1, HIF1A, NR3C1, UBC, PTGES3, FUS, CDC25C, CDK1, SUMO1, STK36, KEAP1, PSMD10, AURKA, SUMO2, SUMO3, MAP3K11, MDM2, LGALS3BP, CEP57, AURKB, CEP76, VHL, TUBG1, TP53, BRCA1, CEP250, AIP,</p> <p>Protein Size: 854</p>
Molecular Weight:	98 kDa
Gene ID:	3320
NCBI Accession:	NM_001017963 , NP_001017963
UniProt:	P07900
Pathways:	M Phase , Regulation of Cell Size , Signaling Events mediated by VEGFR1 and VEGFR2 , VEGFR1 Specific Signals

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 854 AA
Restrictions:	For Research Use only

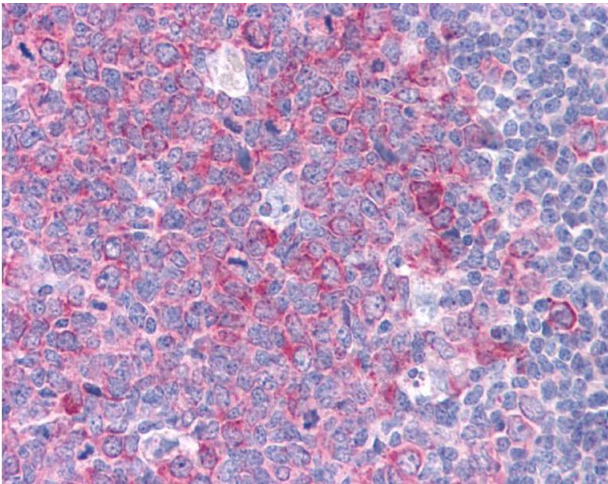
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

Handling

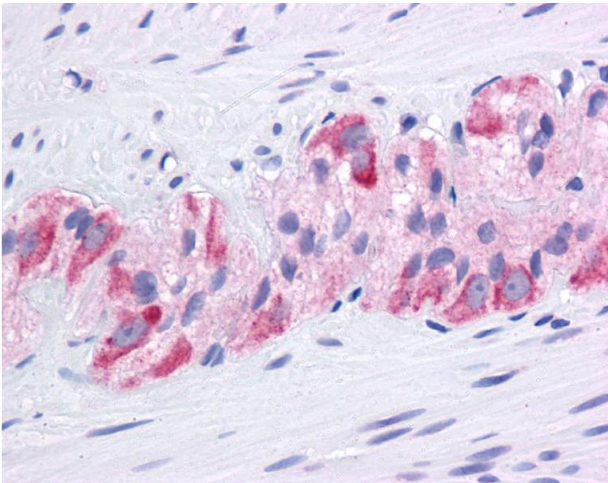
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



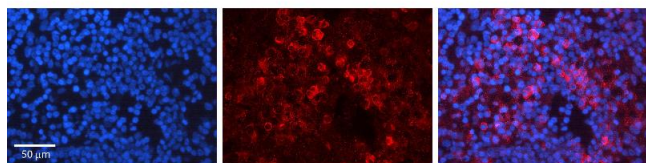
Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2.



Immunohistochemistry

Image 3. Rabbit Anti-HSP90AA1 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Lymph Node Tissue
Observed Staining: Cytoplasm, Plasma membrane
Primary Antibody Concentration: 1:600 Other Working Concentrations: N/A
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X Exposure Time: 0.5 - 2.0 sec

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2779296.