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Datasheet for ABIN1714199

## anti-HSP90AA2 antibody (AA 401-500)

1 Image

1 Publication

### Overview

Quantity:	100 µL
Target:	HSP90AA2
Binding Specificity:	AA 401-500
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSP90AA2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HSP90 alpha
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	HSP90AA2
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## Target Details

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Alternative Name:	HSP90 alpha ( <a href="#">HSP90AA2 Products</a> )
Background:	<p>Synonyms: EL52, HSPN, LAP2, HSP86, HSPC1, HSPCA, Hsp89, Hsp9, LAP-2, HSP89A, HSP9A, HSP9N, HSPCAL1, HSPCAL4, Heat shock protein HSP 9-alpha, Heat shock 86 kDa, HSP 86, Lipopolysaccharide-associated protein 2, LPS-associated protein 2, Renal carcinoma antigen NY-REN-38, HSP9AA1</p> <p>Background: Molecular chaperone that promotes the maturation, structural maintenance and proper regulation of specific target proteins involved for instance in cell cycle control and signal transduction. Undergoes a functional cycle that is linked to its ATPase activity. This cycle probably induces conformational changes in the client proteins, thereby causing their activation. Interacts dynamically with various co-chaperones that modulate its substrate recognition, ATPase cycle and chaperone function. Binds bacterial lipopolysaccharide (LPS) et mediates LPS-induced inflammatory response, including TNF secretion by monocytes.</p>
Gene ID:	3320
UniProt:	<a href="#">P07900</a>

## Application Details

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Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

## Handling

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handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

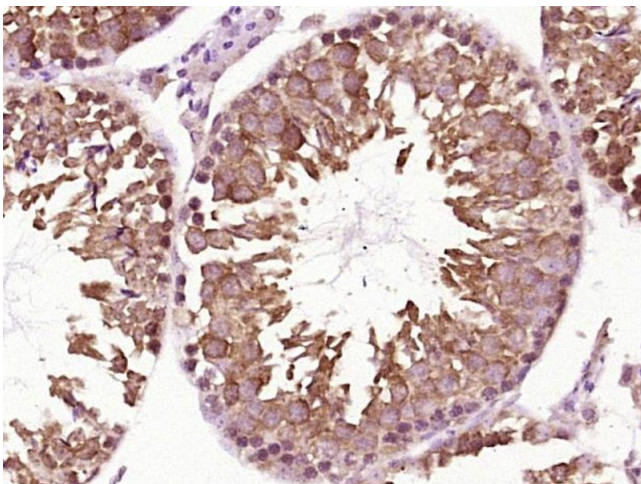
## Publications

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Product cited in: Ding, Wu, Su, Zhou, Zhao, Deng, Zhang, Liu, Wang, Liu: "Expression of heat shock protein 90 genes during early development and infection in *Megalobrama amblycephala* and evidence for adaptive evolution in teleost." in: **Developmental and comparative immunology**, Vol. 41, Issue 4 , pp. 683-93, (2013) ([PubMed](#)).

## Images

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### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Paraformaldehyde-fixed, paraffin embedded Mouse testis Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes Blocking buffer (normal goat serum) at 37°C for 30min Antibody incubation with HSP90 alpha Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, DAB staining.