

Datasheet for ABIN3042462
anti-HSP90AB1 antibody (C-Term)



[Go to Product page](#)

4 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | HSP90AB1 |
| Binding Specificity: | AA 449-481, C-Term |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This HSP90AB1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC) |

Product Details

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|-----------------------------|--|
| Purpose: | Anti-Hsp90 beta/HSP90AB1 Antibody Picoband® |
| Immunogen: | A synthetic peptide corresponding to a sequence at the C-terminus of human Hsp90 beta, identical to the related mouse and rat sequences. |
| Sequence: | RRLSELLRYH TSQSGDEMTS LSEYVSRMKE TQK |
| Isotype: | IgG |
| Cross-Reactivity (Details): | No cross-reactivity with other proteins |
| Characteristics: | Anti-Hsp90 beta/HSP90AB1 Antibody Picoband® (ABIN3042462). Tested in IF, IHC, ICC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are |

Product Details

designated as Picoband, ensuring unmatched performance.

Purification: Immunogen affinity purified.

Target Details

Target: HSP90AB1

Alternative Name: HSP90AB1 ([HSP90AB1 Products](#))

Background: Synonyms: Heat shock protein HSP 90-beta,HSP 90,Heat shock 84 kDa,HSP 84,HSP84,HSP90AB1,HSP90B, HSPC2, HSPCB,
Tissue Specificity: Expressed in heart, skeletal muscle, eye and brain, and at much lower levels in some other tissues. .
Background: Heat shock protein HSP 90-beta, also called HSP90beta, is a protein that in humans is encoded by the HSP90AB1 gene. It is mapped to chromosome 6p21.1. This gene encodes a member of the heat shock protein 90 family, these proteins are involved in signal transduction, protein folding and degradation and morphological evolution. And this gene is thought to play a role in gastric apoptosis and inflammation. Alternative splicing results in multiple transcript variants. Pseudogenes have been identified on multiple chromosomes.
Sequence Similarities: Contains 1 HMG box DNA-binding domain.

Molecular Weight: 90 kDa

Gene ID: 3326

UniProt: [P08238](#)

Pathways: [Regulation of Cell Size](#)

Application Details

Application Notes: Western blot, 0.1-0.5 µg/mL, Human, Mouse, Rat
Immunohistochemistry (Paraffin-embedded Section), 0.5-1 µg/mL, Human, Mouse, Rat
Immunocytochemistry/Immunofluorescence, 2 µg/mL, Human
1. "Entrez Gene: HSP90AB1 Heat shock protein 90 kDa alpha (cytosolic), class B member 1". 2. Chen B, Piel WH, Gui L, Bruford E, Monteiro A (Dec 2005). "The HSP90 family of genes in the human genome: insights into their divergence and evolution". Genomics 86 (6): 627-37. 3. Rebbe NF, Hickman WS, Ley TJ, Stafford DW, Hickman S (Sep 1989). "Nucleotide sequence and regulation of a human 90- kDa heat shock protein gene". The Journal of Biological Chemistry 264 (25): 15006-11.

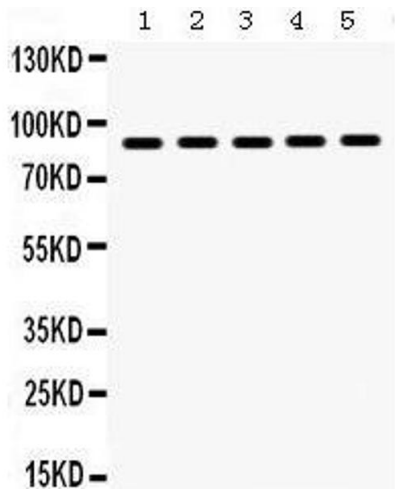
Application Details

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|---------------|---|
| Comment: | Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P). |
| Restrictions: | For Research Use only |

Handling

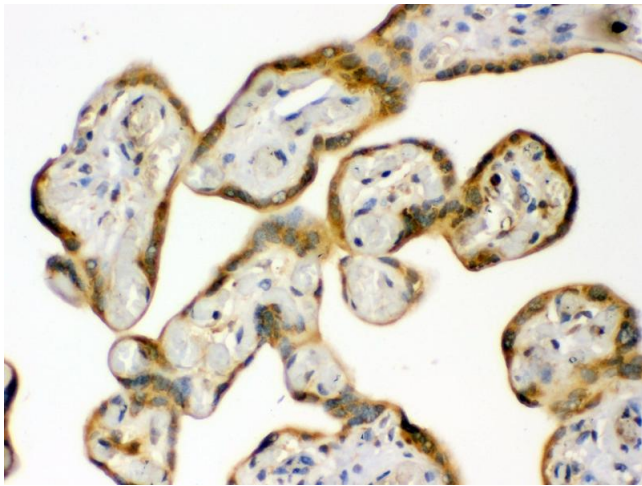
| | |
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| Format: | Lyophilized |
| Reconstitution: | Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL. |
| Concentration: | 500 µg/mL |
| Buffer: | Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide. |
| 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 freezing and thawing. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles. |

Images



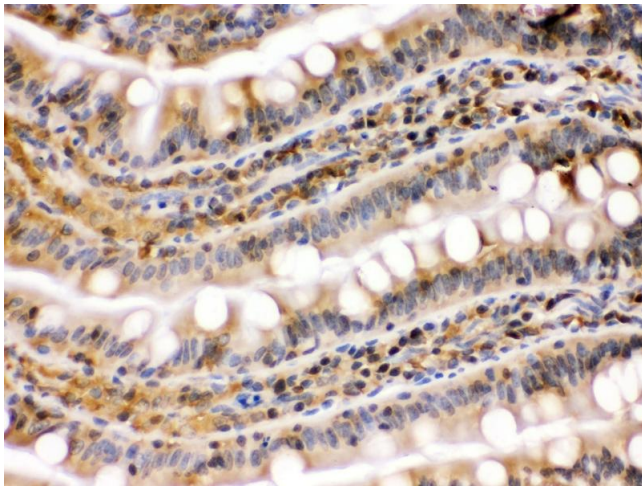
Western Blotting

Image 1.



Immunohistochemistry

Image 2. Anti- Hsp90 beta Picoband antibody, IHC(P)
IHC(P): Human Placenta Tissue



Immunohistochemistry

Image 3. Anti- Hsp90 beta Picoband antibody, IHC(P)
IHC(P): Rat Intestine Tissue

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3042462.