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Datasheet for ABIN2470237  
**anti-HSP90B2P antibody (AA 289-300)**

1 Image

### Overview

Quantity:	0.05 mg
Target:	HSP90B2P
Binding Specificity:	AA 289-300
Reactivity:	Human, Mouse, Rat, Chicken, Drosophila melanogaster, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSP90B2P antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

### Product Details

Immunogen:	HSP90B2P antibody was raised against amino acids 289-300 of HSP90B2P (Human).
Purification:	Immunoaffinity Chromatography

### Target Details

Target:	HSP90B2P
Alternative Name:	HSP90B2P ( <a href="#">HSP90B2P Products</a> )
Background:	Hsp90 is a member of the heat shock protein 90 family that functions as a molecular chaperone and has ATPase activity. Hsp90 family proteins are highly conserved between isoforms and species. Several signal transduction pathways depend on Hsp90 function including erbB2, steroid hormone receptors (such as androgen, progesterone, glucocorticoid, and aryl-hydrocarbon), and hypoxia sensing (Hif1alpha). Recent reports show that tumor cells

## Target Details

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are more sensitive to Hsp90 inhibition and that Hsp90 from tumor cells is more sensitive to small molecule inhibitors (eg 17AAG). The mechanism of this differential sensitivity of normal versus tumor Hsp90 is not known (although mutation has been ruled out). One possible mechanism may be differences in post-translational modification of tumor Hsp90. Hsp90 is a cytoplasmic protein that forms a homodimer in vivo, and interacts with TOM34, AHSA1, HDAC6 and SMYD3.

Gene ID: 3320

UniProt: [P07900](#)

## Application Details

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Application Notes: HSP90B2P antibody can be used in ELISA, Western Blot, immunohistochemistry starting at 5 - 10 µg/mL, immunoprecipitation, and flow cytometry.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: 0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01 % sodium azide.

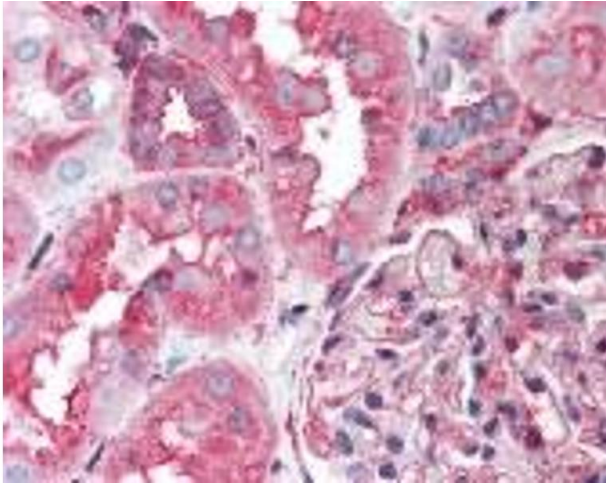
Preservative: Sodium azide

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

Handling Advice: As with all antibodies avoid freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store HSP90B2P antibody at 4 °C or -20 °C.



### Immunohistochemistry

**Image 1.**