

Product Datasheet

HSP90 Antibody

NBP1-77937

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP1-77937

HSP90 Antibody

Product Information

Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Product Description

Description	This affinity-purified antibody is directed against human Hsp90 protein. The product was affinity purified from monospecific antiserum by immunoaffinity purification Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
Host	Rabbit
Gene ID	3320
Gene Symbol	HSP90AA1
Species	Human, Mouse, Rat, Chicken, Drosophila, Monkey
Reactivity Notes	A BLAST analysis was used to suggest cross reactivity with HSP90 from human, mouse, rat, monkey, chicken and Drosophila based on 100% homology with the immunizing sequence. Reactivity of this antibody with HSP90 from other species is unknown.
Specificity/Sensitivity	This affinity-purified antibody is directed against human HSP90 protein. A BLAST analysis was used to suggest cross reactivity with HSP90 from human, mouse, rat, monkey, chicken and Drosophila based on 100% homology with the immunizing sequence. Reactivity of this antibody with HSP90 from other species is unknown.
Immunogen	This affinity purified HSP90 Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to amino acids 289-300 of human HSP90 protein. (Uniprot: P07900)
Notes	This affinity-purified antibody is directed against human Hsp90 protein. The product was affinity purified from monospecific antiserum by immunoaffinity purification Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.

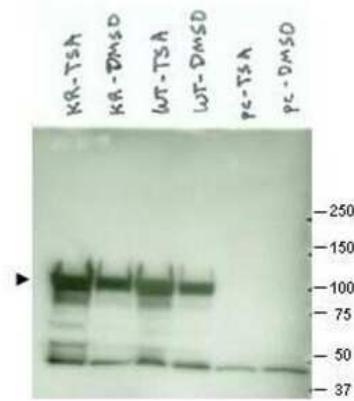
Product Application Details

Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
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Recommended Dilutions	Western Blot 1:500-1:2500, ELISA 1:5000-1:25000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	This affinity purified antibody has been tested for use in ELISA and western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 90 kDa in size corresponding to Hsp90 protein by western blotting in the appropriate cell lysate or extract.

Images

Western Blot: HSP90 Antibody [NBP1-77937] - shows detection of a band at ~90 kDa corresponding to Hsp90 in various lysate preparations (arrowhead). Cos7 transfected with mutant K294R Hsp90 (left two lanes), Cos7 transfected with wild type Hsp90 (middle two lanes) and empty vector Cos7 cells (right two lanes) were either treated with Trichostatin A (an HDAC inhibitor) or mock treated with DMSO only, as indicated. Transfected cells express either mutant or wt Hsp90 coupled to FlagTM tag. Anti-FlagTM immunoprecipitation was performed prior to western blotting with anti-Hsp90.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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