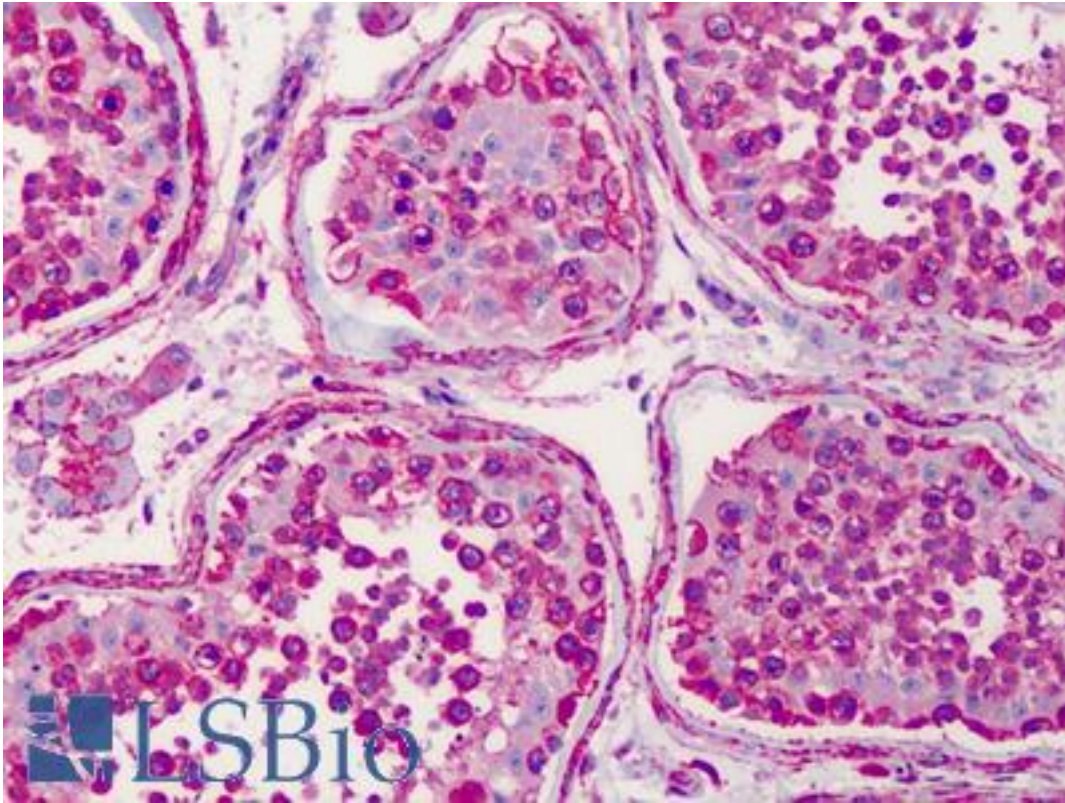


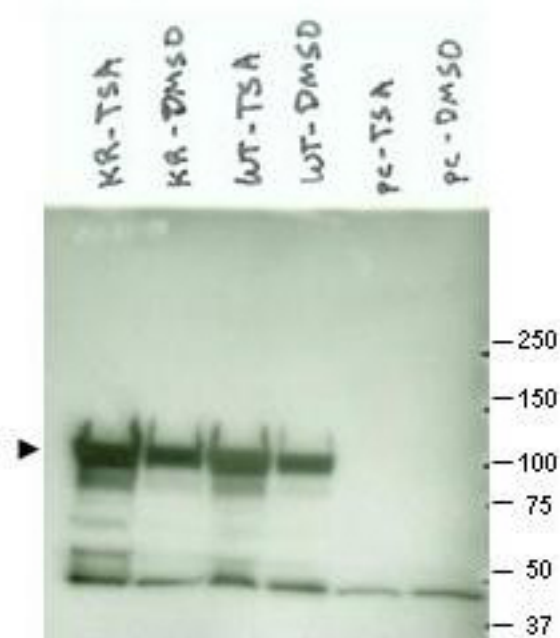
HSP90AA1 / Hsp90 Rabbit anti-Human Polyclonal (aa289-300) Antibody - LS-B375 - LSBio	
CatalogID:	LS-B375
Validation:	This antibody replaces catalog number LS-C19128. It has been validated for use in the following assays: IHC.
Target:	heat shock protein 90kDa alpha (cytosolic), class A member 1 (HSP90AA1)
Synonyms:	HSP90AA1 Antibody, EL52 Antibody, HSP86 Antibody, Hsp89 Antibody, HSP89A Antibody, HSPC1 Antibody, Heat shock 86 kDa Antibody, Hsp90 Antibody, HSP90A Antibody, HSP90N Antibody, HSPCA Antibody, HSPCAL4 Antibody, HSPN Antibody, LAP2 Antibody, HSP 86 Antibody, HSPCAL1 Antibody
Host	HSP90AA1 antibody was produced in Rabbit
Clonality:	Polyclonal
Immunogen Species:	HSP90AA1 / Hsp90 antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	HSP90AA1 / Hsp90 antibody was raised against synthetic peptide from human HSP90AA1 / Hsp90.
Specificity:	Amino acids 289-300 of human Hsp90 protein.
Epitope:	aa289-300
Reactivity:	Human, Monkey, Mouse, Rat, Chicken, Drosophila
Purification:	Immunoaffinity purified
Presentation:	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
Recommended Storage:	Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B375 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B375 was determined to be 2.5 ug/ml.
Uses:	IHC - Paraffin (2.5 µg/ml), Western blot (1:500 - 1:2500), ELISA (1:5000 - 1:25000) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	1 mg/ml

Immunohistochemistry Image:



Anti-HSP90AA1 / Hsp90 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B375 concentration 2.5 ug/ml.

Western Blot Image:



Anti-Hsp90 Antibody - Western Blot. Western blot of Affinity Purified anti-Hsp90 antibody shows detection of a band at ~90 kD 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 Flag™ tag. Anti-Flag™ immunoprecipitation was performed prior to western blotting with anti-Hsp90. Personal Communication, Brad Scroggins, Urologic Oncology Branch, CCR, NCI, Rockville, MD.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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Created on 9/23/2014

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