

[KO Validated] Hsp90α Rabbit mAb

Catalog No.: A28988 **KO** **Validated** **Recombinant**

Basic Information

Observed MW

90 kDa

Calculated MW

84 kDa/98 kDa

Category

Primary antibody

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC3639

Background

The protein encoded by this gene is an inducible molecular chaperone that functions as a homodimer. The encoded protein aids in the proper folding of specific target proteins by use of an ATPase activity that is modulated by co-chaperones. Two transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:2000 - 1:15000

IHC-P 1:1000 - 1:4000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000) a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID

3320

Swiss Prot

P07900

Immunogen

This information is considered to be commercially sensitive.

Synonyms

EL52; HSPN; LAP2; HSP86; HSPC1; HSPCA; Hsp89; Hsp90; LAP-2; HSP89A; HSP90A; HSP90N; Hsp103; HSPCAL1; HSPCAL4; HEL-S-65p

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% sodium azide, 0.05% BSA, 50% glycerol, pH7.3

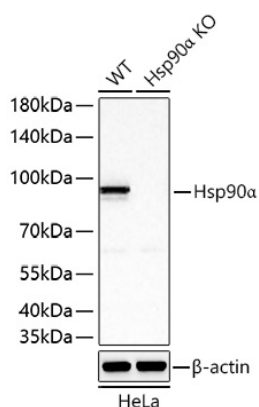
Contact

☎ | 400-999-6126

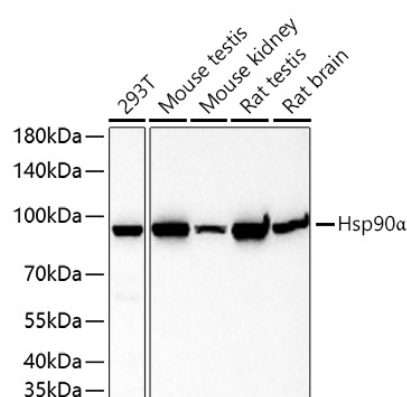
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🌐 | www.abclonal.com.cn

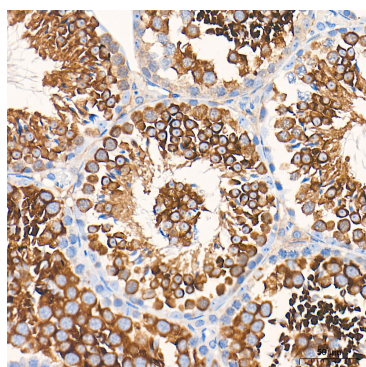
Validation Data



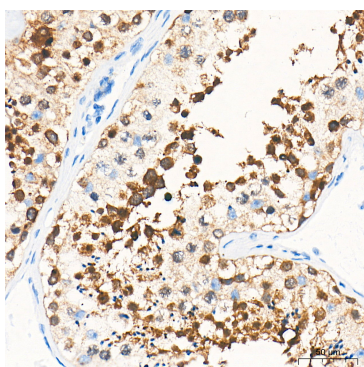
Western blot analysis of lysates from wild type (WT) and Hsp90α knockout (KO) HeLa cells using [KO Validated] Hsp90α Rabbit mAb (A28988) at 1:5000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5 s.



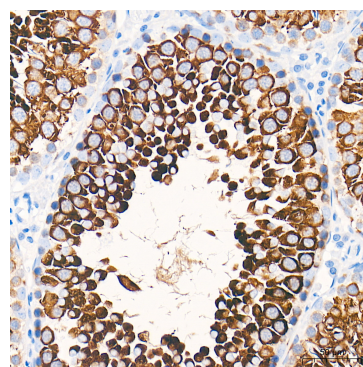
Western blot analysis of various lysates using [KO Validated] Hsp90α Rabbit mAb (A28988) at 1:5000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5 s.



Immunohistochemistry analysis of paraffin-embedded Mouse testis tissue using [KO Validated] Hsp90α Rabbit mAb (A28988) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human testis tissue using [KO Validated] Hsp90α Rabbit mAb (A28988) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat testis tissue using [KO Validated] Hsp90α Rabbit mAb (A28988) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.