

Datasheet for ABIN1882093
anti-HSP90AB1 antibody (N-Term)



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3 Images

1 Publication

Overview

Quantity:	400 µL
Target:	HSP90AB1
Binding Specificity:	AA 42-74, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSP90AB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This HSP90AB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 42-74 amino acids from the N-terminal region of human HSP90AB1.
Clone:	RB17751
Isotype:	Ig Fraction
Predicted Reactivity:	B, Hs, Pr, M, Rb, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	HSP90AB1
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Target Details

Alternative Name:	HSPCB (HSP90AB1 Products)
Background:	HSPCB proteins are highly conserved molecular chaperones that have key roles in signal transduction, protein folding, protein degradation, and morphologic evolution. HSPCB proteins normally associate with other cochaperones and play important roles in folding newly synthesized proteins or stabilizing and refolding denatured proteins after stress.
Molecular Weight:	83264
NCBI Accession:	NP_001258898 , NP_001258899 , NP_001258900 , NP_031381
UniProt:	P08238
Pathways:	Regulation of Cell Size

Application Details

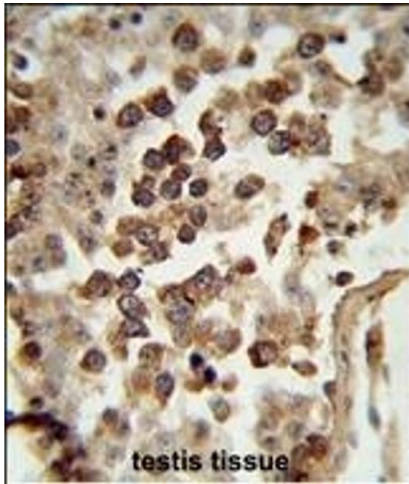
Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

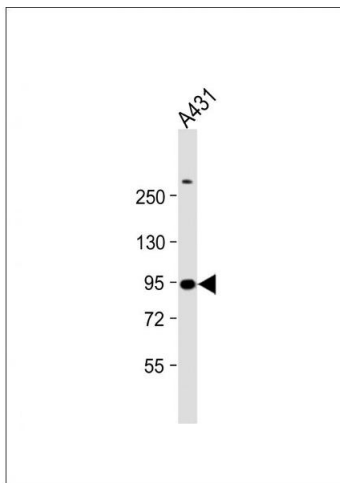
Publications

Product cited in:	Chadli, Felts, Wang, Sullivan, Botuyan, Fauq, Ramirez-Alvarado, Mer: "Celastrol inhibits Hsp90 chaperoning of steroid receptors by inducing fibrillization of the Co-chaperone p23." in: The Journal of biological chemistry , Vol. 285, Issue 6, pp. 4224-31, (2010) (PubMed).
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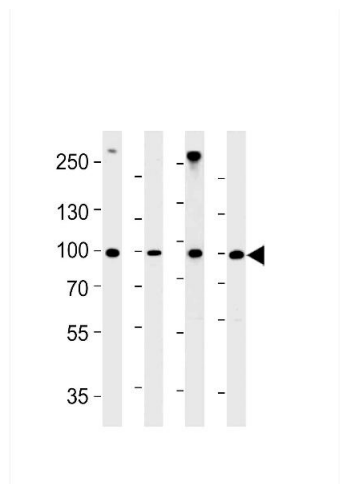
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human testis tissue reacted with HSPCB Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Anti-HSPCB Antibody (N-term) at 1:1000 dilution + A431 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 83 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. HSPCB Antibody (N-term) (ABIN1882093 and ABIN2842648) western blot analysis in A431, H-4-II-E, HeLa, rat L6 cell line lysates (35 µg/lane). This demonstrates the HSPCB antibody detected the HSPCB protein (arrow).