

HSP90 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AW5030

Product Information

Application	WB
Primary Accession	P07900
Other Accession	P02828 , P34058 , P11499 , Q4R4T5 , P08238 , Q04619 , Q76LV1 , P82995 , P30946 , O02705 , P07901 , Q4R4P1 , P46633 , P11501 , Q76LV2 , Q58FF6 , Q58FF7 , Q58FF8 , Q90474
Reactivity	Human, Mouse, Rat
Predicted	Rabbit, Zebrafish, Hamster, Monkey, Bovine, Chicken, Drosophila
Host	Rabbit
Clonality	polyclonal
Calculated MW	85 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

Additional Information

Antigen Region	57-89
Other Names	Heat shock protein HSP 90-alpha, Heat shock 86 kDa, HSP 86, HSP86, Renal carcinoma antigen NY-REN-38, HSP90AA1, HSP90A, HSPC1, HSPCA
Dilution	WB~1:1000
Target/Specificity	This HSP90 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 57-89 amino acids from the N-terminal region of human HSP90.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	HSP90 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Background

Molecular chaperone that promotes the maturation, structural maintenance and proper regulation of specific target proteins involved for instance in cell cycle control and signal transduction. Undergoes a functional cycle that is linked to its ATPase activity. This cycle probably induces conformational changes in the client proteins, thereby causing their activation. Interacts dynamically with various co-chaperones that modulate its substrate recognition, ATPase cycle and chaperone function.

References

Soeda E.,et al.Nucleic Acids Res. 17:7108-7108(1989).
Yamazaki M.,et al.Agric. Biol. Chem. 54:3163-3170(1990).
Hickey E.,et al.Mol. Cell. Biol. 9:2615-2626(1989).
Chen B.,et al.Genomics 86:627-637(2005).
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Images



Western blot analysis of lysates from HeLa, A431, A549, mouse NIH/3T3, rat PC-12,SK-N-MC cell line (from left to right), using HSP90 Antibody (N-term)(Cat. #AW5030). AW5030 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.