



HSP90α (phospho-Thr5/7) rabbit pAb

Catalog No	YP-Ab-03626
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	HSP90AA1 HSP90A HSPC1 HSPCA
Immunogen	Synthesized phosho peptide around human HSP90α (Thr5 and 7)
Specificity	This antibody detects endogenous levels of Human Mouse Rat HSP90α (phospho-Thr5 or 7)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:1000-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EL52;HSPN;LAP2;HSP86;HSPC1;HSPCA;Hsp89;Hsp90;LAP-2;HSP89A;HSP90A;HSP90N;Hsp103;HSPCAL1;HSPCAL4;HEL-S-65p;Hsp90α;HSP 90;HSP90AA1 HSP90A HSPC1 HSPCA;HSP90α (Thr5/7);Heat shock protein HSP 90-alpha (Heat shock 86 kDa) (HSP 86) (HSP86) (Renal carcinoma antigen NY-REN-38)
Observed Band	90kDa
Calculated Molecular Weight	85kDa
Cell Pathway	Nucleus . Cytoplasm . Melanosome . Cell membrane . Mitochondrion . Identified by mass spectrometry in melanosome fractions from stage I to stage IV.
Tissue Specificity	Adult brain,Brain,Brain cortex,Breast,Cajal-Retzius
Function	caution:Despite classification as a pseudogene, the existence of this protein is supported by unambiguous mass spectrometry evidence.,function:Molecular chaperone.,function:Molecular chaperone. Has ATPase activity.,similarity:Belongs to the heat shock protein 90 family.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,subunit:Homodimer. Interacts with AHSA1, SMYD3 and TOM34. Interacts with FNIP1 and HSF1.,

**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. [provided by RefSeq, Jan 2012],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images