Hsp90 (Phospho Ser226) Rabbit pAb

CatalogNo: YP0565 Orthogonal Validated

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse,Rat

Applications
- WB,IHC,IF,ELISA

MW
- 83kD (Observed)

Isotype
- IgG

Storage

Storage*	-15°C to -25°C/1 year (Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000
IHC 1:100-1:300
IF 1:200-1:1000
ELISA 1:10000
Not yet tested in other applications.

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	The antiserum was produced against synthesized peptide derived from human HSP90B around the phosphorylation site of Ser226. AA range:201-250

Specificity Phospho-HSP90β (S226) Polyclonal Antibody detects endogenous levels of HSP90β protein only when phosphorylated at S226.The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):EIsDD

Target Information

Gene name HSP90AB1

Protein Name Heat shock protein HSP 90-beta

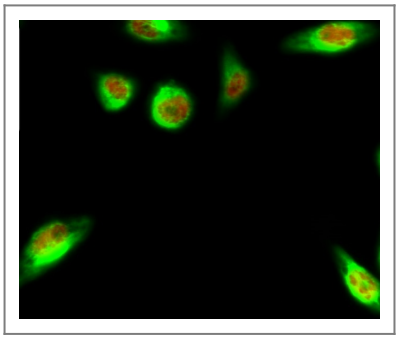
Organism	Gene ID	UniProt ID
Human	3326;	P08238;
Mouse	15516;	P11499;
Rat	301252;	P34058;

Cellular Localization Cytoplasm . Melanosome . Nucleus . Secreted . Cell membrane . Dynein axonemal particle . Cell surface . Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:17081065) . Translocates with BIRC2 from the nucleus to the cytoplasm during differentiation (PubMed:18239673) . Secreted when associated with TGFB1 processed form (LAP) (PubMed:20599762) . .

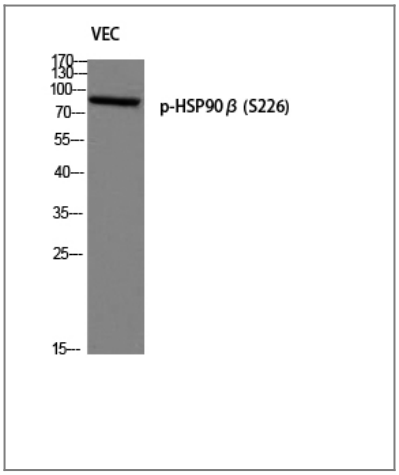
Tissue specificity Amygdala ,Brain cortex ,Colon ,Colon carcinoma ,Embryon

Function Function:Molecular chaperone. Has ATPase activity. ,PTM:Phosphorylated upon DNA damage , probably by ATM or ATR. ,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 TP53/p53 (By similarity) . Interacts with UNC45A. Binding to UNC45A involves 2 UNC45A monomers per HSP90AB1 dimer. ,

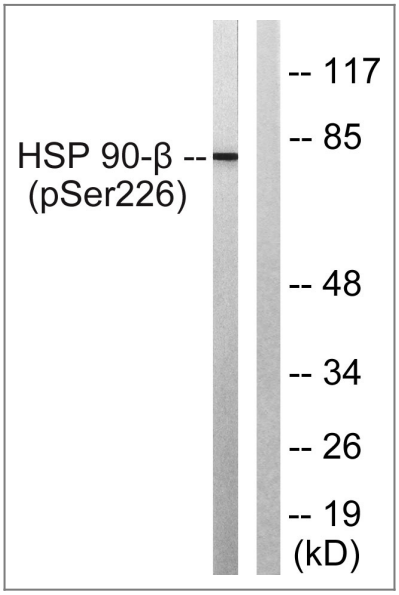
Validation Data



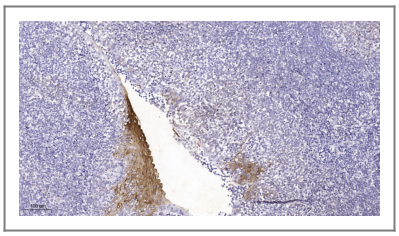
Immunofluorescence analysis of Hela cell. 1,mouse Histone H3 Antibody YM3808 (red) was diluted at 1:200 (4℃ overnight).Hsp90 (Phospho Ser226) Rabbit pAb (green) was diluted at 1:200 (4℃ overnight). 2, Goat Anti Rabbit AbFluor 488 Catalog:RS3211 was diluted at 1:1000 (room temperature, 50min). Goat Anti Mouse AbFluor 594 Catalog:RS3608 was diluted at 1:1000 (room temperature, 50min).



Western blot analysis of VEC using p-HSP90β (S226) antibody.



Western blot analysis of lysates from A549 cells treated with serum 20% 15', using HSP90B (Phospho-Ser226) Antibody. The lane on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Tris-EDTA,pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200 (4℃ overnight.3,Secondary antibody was diluted at 1:200 (room temperature, 45min).

Contact information

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Please scan the QR code to access additional product information:
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