



## SirT1 (phospho-Ser27) rabbit pAb antibody

| Catalog No :                 | Source:   | Concentration : | Mol.Wt. (kD): |
|------------------------------|---|-----------------|---------------|
| A21555                       | Rabbit  | 1 mg/ml         | 85-110 kD     |
| <b>Applications</b>          | WB,ELISA  |                 |               |
| <b>Reactivity</b>            | Human,Mouse   |                 |               |
| <b>Dilution</b>              | WB: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.   |                 |               |
| <b>Storage</b>               | -20°C/1 year  |                 |               |
| <b>Specificity</b>           | Phospho-SIRT1 (S47) Polyclonal Antibody detects endogenous levels of SIRT1 protein only when phosphorylated at S47.   |                 |               |
| <b>Source / Purification</b> | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   |                 |               |
| <b>Immunogen</b>             | Synthesized phospho-peptide around the phosphorylation site of human SIRT1 (phospho Ser47)  |                 |               |
| <b>Uniprot No</b>            | Q96EB6  |                 |               |
| <b>Alternative names</b>     | SIRT1; SIR2L1; NAD-dependent protein deacetylase sirtuin-1; hSIRT1; Regulatory protein SIR2 homolog 1; SIR2-like protein 1; hSIR2   |                 |               |
| <b>Form</b>                  | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |                 |               |
| <b>Clonality</b>             | Polyclonal  |                 |               |
| <b>Isotype</b>               |   |                 |               |
| <b>Conjugation</b>           |   |                 |               |
| <b>Background</b>            | sirtuin 1(SIRT1) Homo sapiens This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions |                 |               |
| <b>Other</b>                 | Gene_name: SIRT1 ; Protein_name: NAD-dependent protein deacetylase sirtuin-1; Expression: Brain,Epithelium,Prostate,Testis,   |                 |               |
| <b>Product Images</b>        | <input type="checkbox"/>  |                 |               |

### Application Key:

W-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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*For life science research only. Not for use in diagnostic procedures.*

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