



## NOS1 (phospho Ser852) rabbit pAb antibody

| Catalog No :                 | Source:   | Concentration : | Mol.Wt. (kD): |
|------------------------------|---|-----------------|---------------|
| A18495                       | Rabbit  | 1 mg/ml         | 160 kD        |
| <b>Applications</b>          | WB,IHC,IF,ELISA   |                 |               |
| <b>Reactivity</b>            | Human,Mouse,Rat,Monkey  |                 |               |
| <b>Dilution</b>              | WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. IF: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.   |                 |               |
| <b>Storage</b>               | -20°C/1 year  |                 |               |
| <b>Specificity</b>           | Phospho-NOS1 (S852) Polyclonal Antibody detects endogenous levels of NOS1 protein only when phosphorylated at S852.   |                 |               |
| <b>Source / Purification</b> | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   |                 |               |
| <b>Immunogen</b>             | The antiserum was produced against synthesized peptide derived from human n-NOS around the phosphorylation site of Ser852. AA range:818-867   |                 |               |
| <b>Uniprot No</b>            | P29475  |                 |               |
| <b>Alternative names</b>     | NOS1; Nitric oxide synthase; brain; Constitutive NOS; NC-NOS; NOS type I; Neuronal NOS; N-NOS; nNOS; Peptidyl-cysteine S-nitrosylase NOS1; bNOS   |                 |               |
| <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>            | nitric oxide synthase 1(NOS1) Homo sapiens The protein encoded by this gene belongs to the family of nitric oxide synthases, which synthesize nitric oxide from L-arginine. Nitric oxide is a reactive free radical, which acts as a biologic mediator in |                 |               |
| <b>Other</b>                 | Gene_name: NOS1 ; Protein_name: Nitric oxide synthase brain; Expression: Brain,Cerebellum,Muscle,Retina,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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