


| | | |
|--|--------------------------|--------------------------------------|
|  | <h1>SARS Rabbit pAb</h1> | E 2 5 1 3 3 5 0 |
|--|--------------------------|--------------------------------------|

| | |
|-------------------------------|---|
| Swiss-Prot No.: | P49591 |
| Altername: | SARS |
| Storage/Stability: | Store at -20°C. Avoid freeze / thaw cycles. |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human SARS (NP_006504.2). |
| Purification: | Affinity purified |
| Reactivity: | Human,Mouse,Rat |
| Other Names: | SERS; SERRS; NEDMAS |
| Cellular localization: | Cytoplasm, Nucleus |
| Relevance: | Catalyzes the attachment of serine to tRNA(Ser) in a two-step reaction: serine is first activated by ATP to form Ser-AMP and then transferred to the acceptor end of tRNA(Ser) (PubMed:22353712, PubMed:24095058, PubMed:9431993, PubMed:26433229, PubMed:28236339). Is probably also able to aminoacylate tRNA(Sec) with serine, to form the misacylated tRNA L-seryl-tRNA(Sec), which will be further converted into selenocysteinyl-tRNA(Sec) (PubMed:9431993, PubMed:26433229, PubMed:28236339). In the nucleus, binds to the VEGFA core promoter and prevents MYC binding and transcriptional activation by MYC (PubMed:24940000). |

For Research Use Only

| | |
|-------------------------------|--|
| | Recruits SIRT2 to the VEGFA promoter, promoting deacetylation of histone H4 at 'Lys-16' (H4K16). Thereby, inhibits the production of VEGFA and sprouting angiogenesis mediated by VEGFA (PubMed:19423848, PubMed:19423847, PubMed:24940000). |
| Source: | Rabbit |
| Antibody type: | Polyclonal antibody |
| Isotype: | Rabbit IgG |
| Molecular Weight: | 60kDa |
| Preservative: | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| Recommended Dilutions: | WB 1:500 - 1:2000; IHC 1:50 - 1:200; IF 1:50 - 1:200 (Optimal dilutions should be determined by the end user) |