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## Phospho-Serine Rabbit pAb

Catalog Number: bs-11993R

Target Protein: Phospho-Serine

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ELISA (1:5000-10000)

Reactivity: Human (predicted: Rat, Cow, Chicken, Dog, Goose, Monkey)

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Protein phosphorylation provides a signalling system that can be thought of as a kind of protein on/off switch for many cellular signalling pathways. Phosphorylation is observed on serine, threonine, tyrosine and histidine residues. Cellular networks underlying phosphorylation can be very complex and often occurs on multiple distinct sites on a given protein. Phospho-specific antibodies are becoming critical reagents both for basic research and for clinical diagnosis.

### PRODUCT SPECIFIC PUBLICATIONS

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[IF=6.6] Jiajia Li. et al. Phosphorylation-Mediated Molecular Pathway Changes in Human Pituitary Neuroendocrine Tumors Identified by Quantitative Phosphoproteomics. Cells-Basel. 2021 Sep;10(9):2225 WB ; Human . 10.3390/cells10092225

[IF=5.4] Yueqi Yang. et al. A Compared Study of Eicosapentaenoic Acid and Docosahexaenoic Acid in Improving Seizure-Induced Cognitive Deficiency in a Pentylenetetrazol-Kindling Young Mice Model. MAR DRUGS. 2023 Sep;21(9):464 WB ; Mouse . 10.3390/md21090464

[IF=3.88] Fu, Juanli, et al. "Tetrachlorobenzoquinone exerts neurological pro-inflammatory activity by promoting HMGB1 release, which induces TLR4 clustering within the lipid raft." Toxicological Sciences (2016): kfw124. WB ; ="Mouse" . 27413111