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| <b>Product name:</b>     | GSK3 $\alpha/\beta$ (Phospho Tyr216/Tyr279) Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Cat number:</b>       | MABN21104                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Size:</b>             | 100 $\mu$ L                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Host:</b>             | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Isotype:</b>          | IgG,Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Immunogen:</b>        | A synthetic Phosphorylated peptide corresponding to residues target protein                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Reactivity:</b>       | Human,Mouse,Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Applications:</b>     | WB 1:2000-1:10000,IHC 1:200-1:1000,ICC/IF 1:200-1:1000,ELISA<br>1:5000-1:20000,IP 1:50-1:200                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Molecular Weight:</b> | Calculated MW:47kD,51kD;Observed MW:47kD,51kD                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Purification:</b>     | Protein A                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Buffer:</b>           | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Background:</b>       | Cell localization:Cytoplasm.glycogen synthase kinase 3 alpha(GSK3A) Homo sapiens This gene encodes a multifunctional Ser/Thr protein kinase that is implicated inThe control of several regulatory proteins including glycogen synthase, and transcription factors, such as JUN. It also plays a role inThe WNT and PI3K signaling pathways, as well as regulatesThe production of beta-amyloid peptides associated with Alzheimer's disease. [provided by RefSeq, Oct 2011], |