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| <b>Product name:</b>     | Phospho-alpha Synuclein (Ser129) Rabbit Polyclonal Antibody  |
| <b>Cat number:</b>       | ABN00915   |
| <b>Conjugate:</b>        | Unconjugated   |
| <b>Size:</b>             | 100µL  |
| <b>Clone:</b>            | Polyclonal   |
| <b>Concentration:</b>    | 1mg/ml   |
| <b>Host:</b>             | Rabbit   |
| <b>Isotype:</b>          | IgG  |
| <b>Immunogen:</b>        | The antiserum was produced against synthesized peptide derived from human Synuclein around the phosphorylation site of Ser129. AA range:91-140   |
| <b>Reactivity:</b>       | Human,Mouse,Rat  |
| <b>Applications:</b>     | WB 1:500-1:1000,IHC 1:50-1:100   |
| <b>Molecular Weight:</b> | Calculated MW: 14 kDa; Observed MW: 18 kDa   |
| <b>Purification:</b>     | Affinity Purification  |
| <b>Form:</b>             | Liquid   |
| <b>Buffer:</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.  |
| <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>       | May be involved in the regulation of dopamine release and transport. Induces fibrillization of microtubule-associated protein tau. Reduces neuronal responsiveness to various apoptotic stimuli, leading to a decreased caspase-3 activation. Genetic alterations of SNCA resulting in aberrant polymerization into fibrils, are associated with several neurodegenerative diseases (synucleinopathies). |