



# Dynamin I (phospho Ser778) rabbit pAb

Cat No.:ES5009

For research use only

## Overview

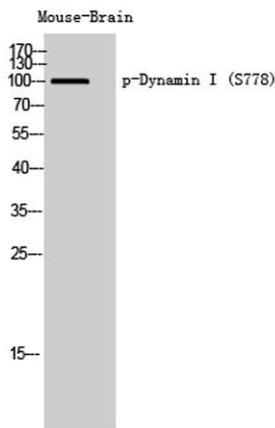
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|---------------------------------|--|
| <b>Product Name</b>             | Dynamin I (phospho Ser778) rabbit pAb  |
| <b>Host species</b>             | Rabbit   |
| <b>Applications</b>             | WB;ELISA   |
| <b>Species Cross-Reactivity</b> | Human;Mouse;Rat  |
| <b>Recommended dilutions</b>    | Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.  |
| <b>Immunogen</b>                | The antiserum was produced against synthesized peptide derived from human DYN1 around the phosphorylation site of Ser778. AA range:751-800   |
| <b>Specificity</b>              | Phospho-Dynamin I (S778) Polyclonal Antibody detects endogenous levels of Dynamin I protein only when phosphorylated at S778.  |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| <b>Storage</b>                  | Store at -20°C. Avoid repeated freeze-thaw cycles.   |
| <b>Protein Name</b>             | Dynamin-1  |
| <b>Gene Name</b>                | DNM1   |
| <b>Cellular localization</b>    | Cytoplasm . Cytoplasm, cytoskeleton . Microtubule-associated.  |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| <b>Clonality</b>                | Polyclonal   |
| <b>Concentration</b>            | 1 mg/ml  |
| <b>Observed band</b>            | 100kD  |
| <b>Human Gene ID</b>            | 1759   |
| <b>Human Swiss-Prot Number</b>  | Q05193   |
| <b>Alternative Names</b>        | DNM1; DNM; Dynamin-1   |
| <b>Background</b>               | dynamin 1(DNM1) Homo sapiens This gene encodes a member of the dynamin subfamily of GTP-binding proteins. The encoded protein possesses unique mechanochemical properties used to tubulate and sever membranes, and is involved in |





clathrin-mediated endocytosis and other vesicular trafficking processes. Actin and other cytoskeletal proteins act as binding partners for the encoded protein, which can also self-assemble leading to stimulation of GTPase activity. More than sixty highly conserved copies of the 3' region of this gene are found elsewhere in the genome, particularly on chromosomes Y and 15. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008],

Western Blot analysis of Mouse-Brain cells using Phospho-Dynamin I (S778) Polyclonal Antibody



Western blot analysis of DYN1 (Phospho-Ser778) Antibody. The lane on the right is blocked with the DYN1 (Phospho-Ser778) peptide.

