

## Product datasheet for **TA322746**

### Dynamin 1 (DNM1) Rabbit Polyclonal Antibody

#### Product data:

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Applications:           | WB   |
| Recommended Dilution:   | WB: 200-1000<br>WB positive control: Mouse brain tissue  |
| Reactivity:             | Human, Mouse, Rat  |
| Host:                   | Rabbit   |
| Isotype:                | IgG  |
| Clonality:              | Polyclonal   |
| Immunogen:              | Synthetic peptide corresponding to a region derived from 850-863 amino acids of Human dynamin 1  |
| Formulation:            | PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol   |
| Concentration:          | lot specific   |
| Purification:           | Antigen affinity purification  |
| Conjugation:            | Unconjugated   |
| Storage:                | Store at -20°C as received.  |
| Stability:              | Stable for 12 months from date of receipt.   |
| Predicted Protein Size: | 98 kDa   |
| Gene Name:              | dynamin 1  |
| Database Link:          | <a href="#">NP_004399</a><br><a href="#">Entrez Gene 13429 Mouse</a> <a href="#">Entrez Gene 140694 Rat</a> <a href="#">Entrez Gene 1759 Human</a><br><a href="#">Q05193</a> |



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**Background:**

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.

**Synonyms:**

DNM

**Protein Families:**

Druggable Genome

**Protein Pathways:**

Endocytosis, Fc gamma R-mediated phagocytosis

**Product images:**

Gel: 8%SDS-PAGE

Lysate: 30 µg

Lane: Mouse brain tissue

Primary antibody: TA322746 (DNM1 Antibody) at dilution 1/100

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 2 minutes