

## Product datasheet for **TA322747**

### Dynamin 1 (DNM1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 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:	97 kDa
Gene Name:	dynamin 1
Database Link:	<a href="#">NP_004399</a> <a href="#">Entrez Gene 13429 Mouse</a> <a href="#">Entrez Gene 140694 Rat</a> <a href="#">Entrez Gene 1759 Human</a> <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: 40 µg

Lane: Mouse brain tissue

Primary antibody: TA322747 (DNM1 Antibody) at dilution 1/700

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

Exposure time: 30 seconds