

## **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% NaN3, 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:** NP 004399

Entrez Gene 13429 MouseEntrez Gene 140694 RatEntrez Gene 1759 Human

Q05193



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Background:

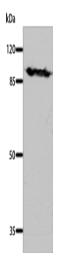
This gene encodes a member of the dynamin subfamily of GTP-binding proteins. The encoded protein possesses unique mechanochemical properties used to tubulate and sever membranes; and is involved in clathrin-mediated endocytosis and other vesicular trafficking processes. Actin and other cytoskeletal proteins 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