

Product datasheet for **TA360073**

Dynamin 2 (DNM2) Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen is a synthetic peptide directed towards the middle region of human DYN2 |
| Specificity: | Expected reactivity: Human |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| Concentration: | lot specific |
| Purification: | Affinity purified |
| Conjugation: | Unconjugated |
| Storage: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Stability: | Shelf life: one year from despatch. |
| Predicted Protein Size: | 95 kDa |
| Gene Name: | dynamin 2 |
| Database Link: | NP_001005360.1 Entrez Gene 1785 Human P50570 |



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Background:

Dynammins represent one of the subfamilies of GTP-binding proteins. These proteins share considerable sequence similarity over the N-terminal portion of the molecule, which contains the GTPase domain. Dynammins are associated with microtubules. They have been implicated in cell processes such as endocytosis and cell motility, and in alterations of the membrane that accompany certain activities such as bone resorption by osteoclasts. Dynammins bind many proteins that bind actin and other cytoskeletal proteins. Dynammins can also self-assemble, a process that stimulates GTPase activity. Five alternatively spliced transcripts encoding different proteins have been described. Additional alternatively spliced transcripts may exist, but their full-length nature has not been determined.

Synonyms:

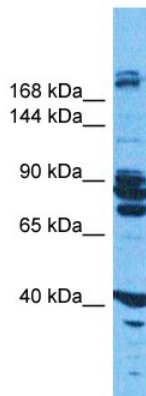
CMTD11; CMTDIB; DI-CMTB; DYN2; DYNII

Protein Families:

Transcription Factors

Protein Pathways:

Endocytosis, Fc gamma R-mediated phagocytosis

Product images:


Host: Rabbit
 Target Name: DYN2
 Sample Type: PRPMI 8226 Cell Lysate
 Antibody Dilution: 1.0µg/ml

Host: Rabbit
 Target Name: DYN2
 Sample Tissue: PRPMI 8226 Whole cell lysates
 Antibody Dilution: 1.0ug/ml