

## Product datasheet for **TA371329S**

### Dynamin 2 (DNM2) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Raji cells and human fetal liver tissue, NIH/3T3 cells and mouse brain tissue, hela cells IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human DNM2
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	98 kDa
Gene Name:	dynamin 2
Database Link:	<a href="#">Entrez Gene 1785 Human P50570</a>



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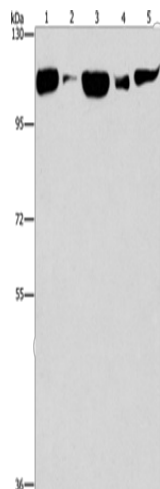
### Background:

Dynamins 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. Dynamins 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. Dynamins bind many proteins that bind actin and other cytoskeletal proteins. Dynamins can also self-assemble, a process that stimulates GTPase activity. Five alternatively spliced transcripts encoding different proteins have been described.

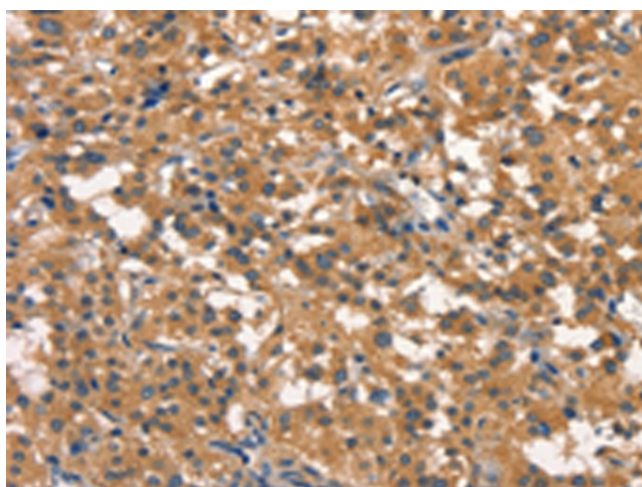
### Synonyms:

CMTD11; CMTDIB; DI-CMTB; DYN2; DYNII

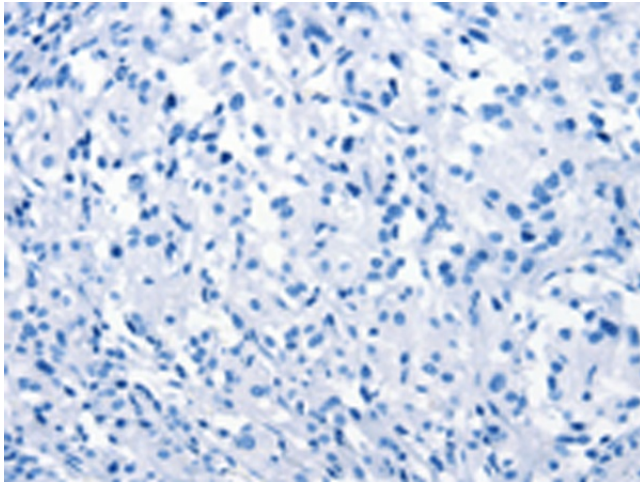
### Product images:



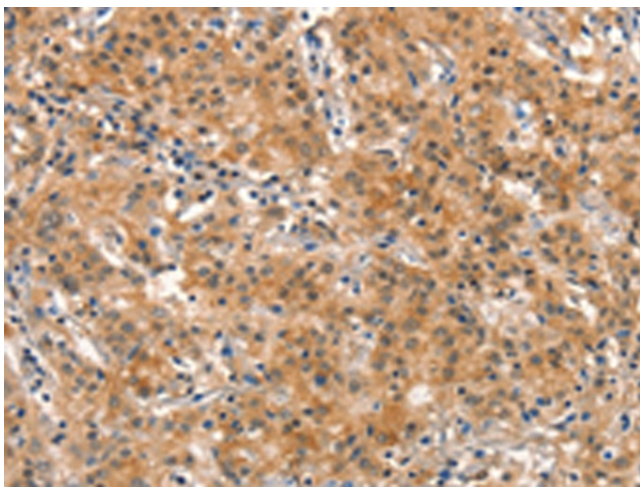
Gel: 6%SDS-PAGE  
 Lysate: 40 µg  
 Lane 1-5: Raji cells  
 human fetal liver tissue  
 NIH/3T3 cells  
 mouse brain tissue  
 hela cells  
 Primary antibody: [TA371329] (DNM2 Antibody)  
 at dilution 1/400  
 Secondary antibody: Goat anti rabbit IgG at  
 1/8000 dilution  
 Exposure time: 30 seconds



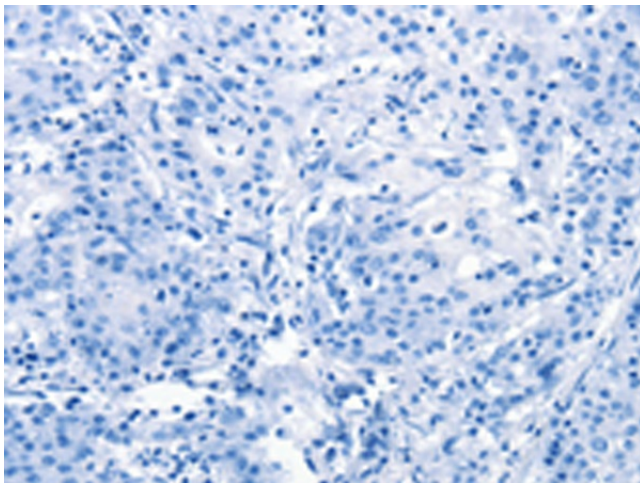
Immunohistochemistry of paraffin-embedded  
 Human thyroid cancer tissue using [TA371329]  
 (DNM2 Antibody) at dilution 1/40 (Original  
 magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA371329] (DNM2 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA371329] (DNM2 Antibody) at dilution 1/40 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA371329] (DNM2 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification:  $\times 200$ )