

## DNM2 Antibody

Catalog No: #37541

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## Description

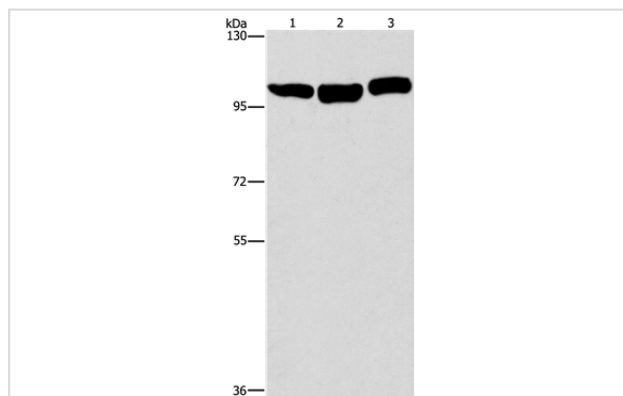
Product Name	DNM2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total DNM2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human dynamin 2
Target Name	DNM2
Other Names	DYN2; CMT2M; DYNII; LCCS5; CMTDI1; CMTDIB; DI-CMTB
Accession No.	Swiss-Prot#: P50570NCBI Gene ID: 1785Gene Accssion: NP_001005360
Uniprot	P50570
GeneID	1785;
SDS-PAGE MW	98kd
Concentration	2.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

## Images



Gel: 6%SDS-PAGE

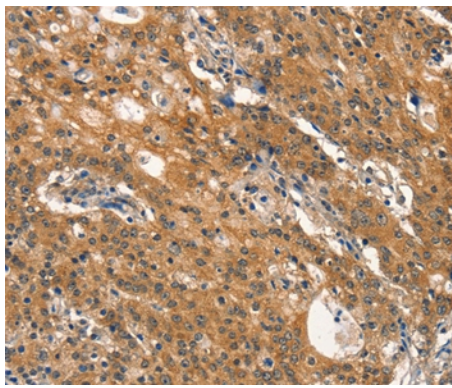
Lysates (from left to right): HeLa, NIH/3T3 and Raji cell

Amount of lysate: 40ug per lane

Primary antibody: 1/400 dilution

Secondary antibody dilution: 1/8000

Exposure time: 30 seconds



Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using #37541 at dilution 1/40.

## 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.

Note: This product is for in vitro research use only