

À des fins de recherche uniquement

# Anticorps Monoclonal anti-DNM2

Numéro de catalogue: 68209-1-Ig



## Informations de base

Numéro de catalogue: 68209-1-Ig	Numéro d'acquisition GenBank: BC054501	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 1785	CloneNo.: 1B8H3
Hôte: Mouse	Nom complet: dynamin 2	Dilutions recommandées: WB 1:5000-1:50000 IF 1:200-1:800
Isotype: IgG1	MW calculé 98 kDa	
Immunogen Catalog Number: AG6274	MW observés: 100 kDa	

## Applications

### Applications testées:

IF, WB, ELISA

### Spécificité de l'espèce:

Humain, Lapin, porc, rat, souris

### Contrôles positifs:

WB : cellules HCT 116, cellules HEK-293, cellules HeLa, cellules Jurkat, cellules K-562, tissu cérébral de lapin, tissu cérébral de porc, tissu cérébral de rat, tissu cérébral de souris

IF : cellules HeLa,

## Informations générales

DNM2, also known as DYN2, DYNII, CMTDI1, CMTDIB, belongs to the dynamin family. DNM2 is a ubiquitously expressed large GTPase involved in clathrin-dependent and -independent endocytosis and intracellular membrane trafficking. DNM2 plays a role in the regulation of neuron morphology, axon growth, and the formation of neuronal growth cones. Dynamins are associated with microtubules. DNM2 plays an important role in endocytosis and is involved in cytokinesis (PMID: 33713620, 12498685). Mutations in DNM2 cause dominant centronuclear myopathy (PMID: 16227997). Defects in DNM2 are the cause of Charcot-Marie-Tooth disease dominant intermediate type B (CMTDIB) (PMID: 15731758). Alternate splicing results in multiple transcript variants.

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

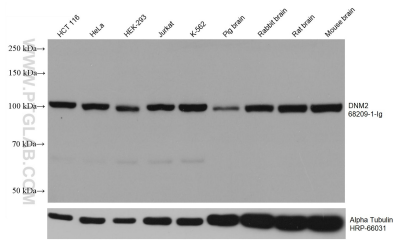
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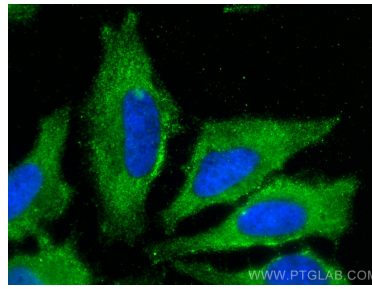
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## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 68209-1-Ig (DNMT2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using DNMT2 antibody (68209-1-Ig Clone: 1B8H3 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).