

**DNM3 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP8833C****Specification**

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**DNM3 Antibody (Center) - Product Information**

Application	FC, IHC-P, WB,E
Primary Accession	<a href="#">O9UQ16</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	97746
Antigen Region	557-584

**DNM3 Antibody (Center) - Additional Information****Gene ID** 26052**Other Names**

Dynamin-3, Dynamin, testicular, T-dynamin, DNM3, KIAA0820

**Target/Specificity**

This DNM3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 557-584 amino acids from the Central region of human DNM3.

**Dilution**

FC~~1:10~50

IHC-P~~1:50~100

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

DNM3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**DNM3 Antibody (Center) - Protein Information****Name** DNM3

**Synonyms** KIAA0820

**Function** Microtubule-associated force-producing protein involved in producing microtubule bundles and able to bind and hydrolyze GTP. Most probably involved in vesicular trafficking processes, in particular endocytosis (By similarity).

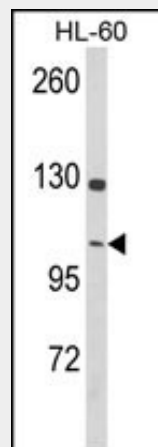
**Cellular Location**

Cytoplasm. Cytoplasm, cytoskeleton. Note=Microtubule-associated.

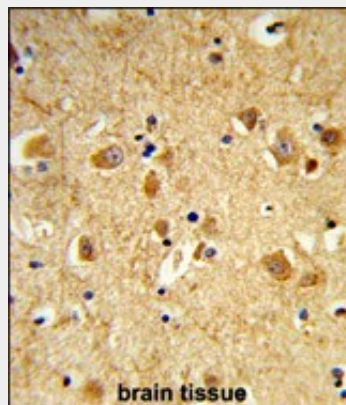
**DNM3 Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

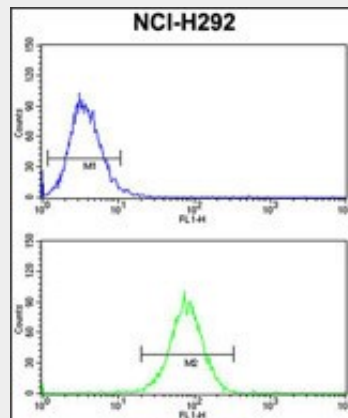
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**DNM3 Antibody (Center) - Images**

Western blot analysis of DNM3 Antibody (Center) (Cat. #AP8833c) in HL-60 cell line lysates (35ug/lane). DNM3 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain tissue reacted with DNM3 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



DNM3 Antibody (Center) (Cat. #AP8833c) flow cytometry analysis of NCI-H292 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **DNM3 Antibody (Center) - Background**

Members of the dynamin family, such as DNM3, possess mechanochemical properties involved in actin-membrane processes, predominantly in membrane budding.

#### **DNM3 Antibody (Center) - References**

Orth, J.D. et.al., Curr. Opin. Cell Biol. 15 (1), 31-39 (2003)