

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

DNM3 Antibody (Center) - Product Information

Application	FC, IHC-P, WB,E
Primary Accession	O9UQ16
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).

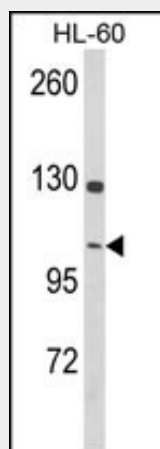
Cellular Location

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

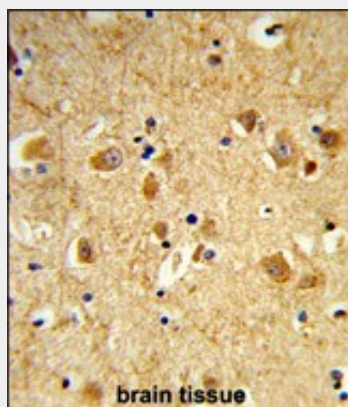
DNM3 Antibody (Center) - Protocols

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

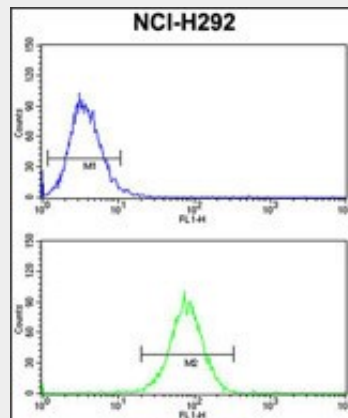
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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)