

NAPG Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16135c

Specification

NAPG Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O99747
Other Accession	O9CWZ7 , P81127 , NP_003817.1
Reactivity	Human
Predicted	Bovine, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	34746
Antigen Region	162-190

NAPG Antibody (Center) - Additional Information

Gene ID 8774

Other Names

Gamma-soluble NSF attachment protein, SNAP-gamma, N-ethylmaleimide-sensitive factor attachment protein gamma, NAPG, SNAPG

Target/Specificity

This NAPG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 162-190 amino acids from the Central region of human NAPG.

Dilution

WB~~1:1000

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

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

NAPG Antibody (Center) - Protein Information

Name NAPG ([HGNC:7642](#))

Function Required for vesicular transport between the endoplasmic reticulum and the Golgi apparatus.

Cellular Location

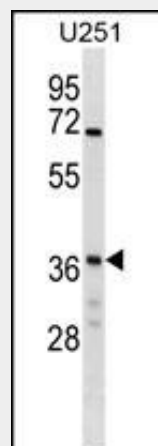
Membrane {ECO:0000250|UniProtKB:P81127}; Peripheral membrane protein {ECO:0000250|UniProtKB:P81127}. Golgi apparatus {ECO:0000250|UniProtKB:Q9CWZ7}

NAPG 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](#)

NAPG Antibody (Center) - Images



NAPG Antibody (Center) (Cat. #AP16135c) western blot analysis in U251 cell line lysates (35ug/lane). This demonstrates the NAPG antibody detected the NAPG protein (arrow).

NAPG Antibody (Center) - Background

This gene encodes soluble NSF attachment protein gamma. The soluble NSF attachment proteins (SNAPs) enable N-ethyl-maleimide-sensitive fusion protein (NSF) to bind to target membranes. NSF and SNAPs appear to be general components of the intracellular membrane fusion apparatus, and their action at specific sites of fusion must be controlled by SNAP receptors particular to the membranes being fused. The product of this gene mediates platelet exocytosis and controls the membrane fusion events of this process.

NAPG Antibody (Center) - References

Yosifova, A., et al. J Affect Disord 117 (1-2), 87-97 (2009) :

Li, X., et al. *Neurosci. Lett.* 457(3):159-162(2009)
Lamesch, P., et al. *Genomics* 89(3):307-315(2007)
Weller, A.E., et al. *Psychiatr. Genet.* 16(1):3-8(2006)
Rush, J., et al. *Nat. Biotechnol.* 23(1):94-101(2005)