

**Anti-NSF Antibody**  
**Rabbit polyclonal antibody to NSF**  
**Catalog # AP59643**

**Specification**

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**Anti-NSF Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P46459</a>
Other Accession	<a href="#">P46460</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>82594</b>

**Anti-NSF Antibody - Additional Information**

**Gene ID** 4905

**Other Names**

Vesicle-fusing ATPase; N-ethylmaleimide-sensitive fusion protein; NEM-sensitive fusion protein; Vesicular-fusion protein NSF

**Target/Specificity**

Recognizes endogenous levels of NSF protein.

**Dilution**

WB~~WB (1/500 - 1/1000)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-NSF Antibody - Protein Information**

**Name** NSF

**Function**

Required for vesicle-mediated transport. Catalyzes the fusion of transport vesicles within the Golgi cisternae. Is also required for transport from the endoplasmic reticulum to the Golgi stack. Seems to function as a fusion protein required for the delivery of cargo proteins to all compartments of the Golgi stack independent of vesicle origin. Interaction with AMPAR subunit GRIA2 leads to influence GRIA2 membrane cycling (By similarity).

**Cellular Location**

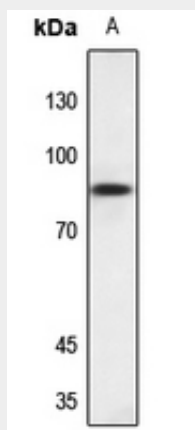
Cytoplasm.

## Anti-NSF Antibody - 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](#)

## Anti-NSF Antibody - Images



Western blot analysis of NSF expression in HGC27 (A) whole cell lysates.

## Anti-NSF Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NSF. The exact sequence is proprietary.