10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

Specification

Anti-NSF Antibody - Product Information

Application	**WB**
Primary Accession	P46459
Other Accession	P46460
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**82594**

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.

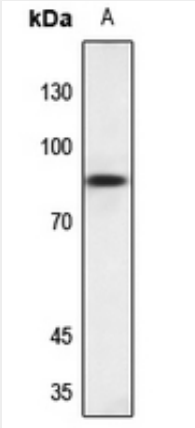
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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 Cytomety
- 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.