

## **NSF Polyclonal Antibody**

Catalog No: YT3195

**Reactivity:** Human; Mouse; Rat

**Applications:** WB;ELISA

Target: NSF

Fields: >>Synaptic vesicle cycle;>>GABAergic synapse;>>Vasopressin-regulated

water reabsorption

Gene Name: NSF

**Protein Name:** Vesicle-fusing ATPase

P46459

P46460

Human Gene Id: 4905

**Human Swiss Prot** 

No:

Mouse Gene Id: 18195

**Mouse Swiss Prot** 

No:

Rat Gene Id: 60355

Rat Swiss Prot No: Q9QUL6

**Immunogen:** Synthesized peptide derived from NSF. at AA range: 110-190

**Specificity:** NSF Polyclonal Antibody detects endogenous levels of NSF protein.

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution:** WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.

1/2



**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 75kD

**Background :** catalytic activity:ATP + H(2)O = ADP + phosphate.,cofactor:Binds 1 magnesium

ion per subunit.,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. Seem to function as a fusion protein required for the delivery of cargo proteins to all compartments of the Golgi stack independent of vesicle origin.,similarity:Belongs to the AAA

ATPase family., subunit: Homohexamer. Interacts with GABARAP and

GABARAPL2.,

**Function :** catalytic activity:ATP + H(2)O = ADP + phosphate.,cofactor:Binds 1 magnesium

ion per subunit.,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. Seem to function as a fusion protein required for the delivery of cargo proteins to all compartments of the Golgi stack independent of vesicle origin.,similarity:Belongs to the AAA

ATPase family.,subunit:Homohexamer. Interacts with GABARAP and

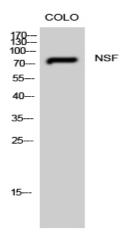
GABARAPL2.,

Subcellular Location:

Cytoplasm.

**Expression :** Brain, Kidney, Lung,

## **Products Images**



Western Blot analysis of CoLo cells using NSF Polyclonal Antibody