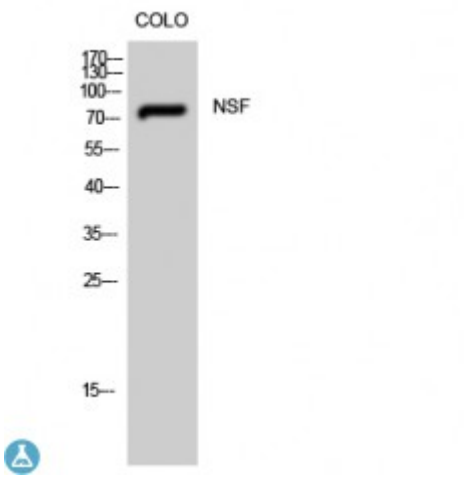
# Anti-NSF antibody

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| **Description** | Rabbit polyclonal to NSF. |

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| **Model** | STJ94560 |
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat |
| **Applications** | ELISA, WB |
| **Immunogen** | Synthesized peptide derived from human NSF |
| **Immunogen Region** | 110-190 aa, Internal |
| **Gene ID** | 4905 |
| **Gene Symbol** | NSF |
| **Dilution range** | WB 1:500-1:2000ELISA 1:40000 |
| **Specificity** | NSF Polyclonal Antibody detects endogenous levels of NSF protein. |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Note** | For Research Use Only (RUO). |
| **Protein Name** | Vesicle-fusing ATPase N-ethylmaleimide-sensitive fusion protein NEM-sensitive fusion protein Vesicular-fusion protein NSF |
| **Molecular Weight** | 75 kDa |
| **Clonality** | Polyclonal |
| **Conjugation** | Unconjugated |

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| **Isotype** | IgG |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Concentration** | 1 mg/ml |
| **Storage Instruction** | Store at -20°C, and avoid repeat freeze-thaw cycles. |
| **Database Links** | HGNC:8016OMIM:601633 |
| **Alternative Names** | Vesicle-fusing ATPase N-ethylmaleimide-sensitive fusion protein NEM-sensitive fusion protein Vesicular-fusion protein 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 . |
| **Cellular Localization** | Cytoplasm. |
| **Post-translational Modifications** | Phosphorylation at Ser-569 interferes with homohexamerization. |

**St John's Laboratory Ltd**
**F** +44 (0)207 681 2580
**T** +44 (0)208 223 3081
**W** http://www.stjohnslabs.com/
**E** info@stjohnslabs.com