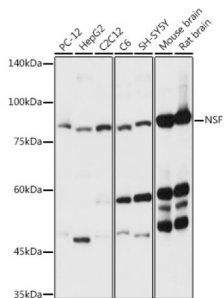
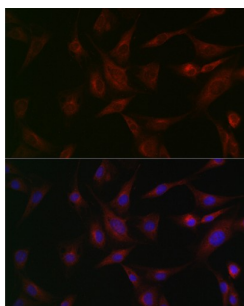


## N-Ethylmaleimide Sensitive Factor (NSF) Antibody

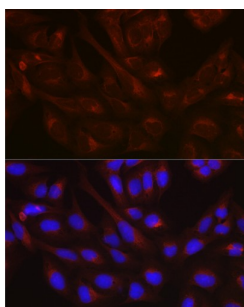
Catalogue No.: abx005948



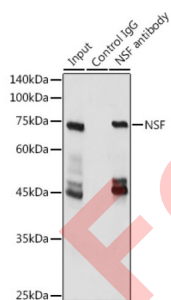
Western blot analysis of various lysates using NSF Antibody at 1/3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 1s.



Immunofluorescence analysis of BALB-3T3 cells using NSF Antibody at dilution of 1/100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using NSF Antibody at dilution of 1/100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 600 µg extracts of Mouse brain cells using 3 µg NSF antibody. Western blot was performed from the immunoprecipitate using NSF antibody at a dilution of 1/3000.

NSF Antibody is a Rabbit Polyclonal Antibody against NSF.

**Target:** N-Ethylmaleimide Sensitive Factor (NSF)

**Clonality:** Polyclonal

**Reactivity:** Human, Mouse, Rat

# Datasheet

Version: 1.0.0  
Revision date: 25 Jun 2025



|                               |                                                                                                                                                                                                           |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tested Applications:</b>   | ELISA, WB, IF/ICC, IP                                                                                                                                                                                     |
| <b>Host:</b>                  | Rabbit                                                                                                                                                                                                    |
| <b>Recommended dilutions:</b> | ELISA: 1 µg/ml, WB: 1/1000 - 1/5000, IF/ICC: 1/50 - 1/200, IP: 0.5 µg - 4 µg antibody per 400 µg - 600 µg extracts of whole cells. Optimal dilutions/concentrations should be determined by the end user. |
| <b>Conjugation:</b>           | Unconjugated                                                                                                                                                                                              |
| <b>Immunogen:</b>             | Recombinant fusion protein containing a sequence corresponding to amino acids 251-400 of human NSF.                                                                                                       |
| <b>Isotype:</b>               | IgG                                                                                                                                                                                                       |
| <b>Form:</b>                  | Liquid                                                                                                                                                                                                    |
| <b>Purification:</b>          | Purified by affinity chromatography.                                                                                                                                                                      |
| <b>Storage:</b>               | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.                                                                                                                                            |
| <b>UniProt Primary AC:</b>    | P46459 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                                                                                               |
| <b>Gene Symbol:</b>           | NSF                                                                                                                                                                                                       |
| <b>GeneID:</b>                | <a href="#">4905</a>                                                                                                                                                                                      |
| <b>NCBI Accession:</b>        | NP_006169.2                                                                                                                                                                                               |
| <b>KEGG:</b>                  | hsa:4905                                                                                                                                                                                                  |
| <b>String:</b>                | <a href="#">9606.ENSP00000381293</a>                                                                                                                                                                      |
| <b>Molecular Weight:</b>      | Calculated MW: 83 kDa<br>Observed MW: 80 kDa                                                                                                                                                              |
| <b>Buffer:</b>                | PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.                                                                                                                                                 |
| <b>Concentration:</b>         | > 0.2 mg/ml                                                                                                                                                                                               |
| <b>Note:</b>                  | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.                                                                |