

For Research Use Only

NSF Polyclonal antibody

Catalog Number: 10008-2-Ig **1 Publications**



Basic Information

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| Catalog Number: 10008-2-Ig | GenBank Accession Number: BC030613 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 200 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 4905 | |
| Source: Rabbit | UNIPROT ID: P46459 | |
| Isotype: IgG | Full Name: N-ethylmaleimide-sensitive factor | |
| | Calculated MW: 744 aa, 83 kDa | |

Applications

Tested Applications:
ELISA

Cited Applications:
WB

Species Specificity:
human, mouse, rat

Cited Species:
human

Background Information

The N-ethylmaleimide-sensitive fusion protein (NSF) is a 75-85 kDa cytosol protein that is expressed in all cell types. NSF functions as an ATPase and it is a part of the 20S membrane fusion apparatus with the vesicular SNAP receptor (v-SNARE) synaptobrevin, and the target SNAREs (t-SNARE) syntaxin and SNAP-25. With the hydrolysis of ATP by NSF, the released energy may set-up or drive membrane fusion processes. NSF is required for general membrane transport and trafficking.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-----------|-----------|----------------|-------------|
| Fang Bian | 24517733 | Br J Pharmacol | WB |

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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