

NSF Polyclonal Antibody

Description

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|--------------------------------|---|
| Product type | Primary Antibody |
| Code | BT-AP06190 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | Synthesized peptide derived from NSF . at AA range: 110-190 |
| Mol wt | 82560 |
| Species reactivity | Human, Mouse, Rat |
| Clonality | Polyclonal |
| Recommended application | WB, ELISA |
| Concentration | 1 mg/ml |
| Full name | NSF Antibody |
| Synonyms | NSF; Vesicle-fusing ATPase; N-ethylmaleimide-sensitive fusion protein; NEM-sensitive fusion protein; Vesicular-fusion protein NSF |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The N-ethylmaleimide-sensitive fusion protein (NSF) is a 80 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.

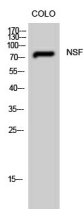
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

Images



Western Blot analysis of CoLo cells using NSF Polyclonal Antibody

Storage

-20°C for one year