

For Research Use Only

# NSF Polyclonal antibody

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



## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
10008-2-Ig	BC030613	Antigen affinity purification
Size:	GeneID (NCBI):	
200 µg/ml	4905	
Source:	UNIPROT ID:	
Rabbit	P46459	
Isotype:	Full Name:	
IgG	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

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

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