Datasheet for ABIN1390188

anti-NSF antibody (AA 151-250) (AbBy Fluor® 647)

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Overview

Quantity:	100 µL
Target:	NSF
Binding Specificity:	AA 151-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NSF antibody is conjugated to AbBy Fluor® 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NSF
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit,Zebrafish
Purification:	Purified by Protein A.

Target Details

Target:	NSF
Alternative Name:	NSF (NSF Products)

Target Details

Background:	Synonyms: N ethylmaleimide sensitive factor, N ethylmaleimide sensitive factor, N ethylmaleimide sensitive factor like protein, N ethylmaleimide sensitive fusion protein, N ethylmaleimide sensitive fusion protein, N-ethylmaleimide-sensitive fusion protein, NEM sensitive fusion protein, NEM sensitive fusion protein, NEM-sensitive fusion protein, NSF, NSF_HUMAN, SKD 2, SKD2, SKD2, Vesicle fusing ATPase, Vesicle fusing ATPase, Vesicle-fusing ATPase, Vesicular fusion protein NSF, Vesicular fusion protein NSF, Vesicular-fusion protein NSF. Background: Several protein-protein interactions are essential to membrane fusion during endocytosis. Membrane fusion requires interaction among SNARE1 proteins associated with both donor and acceptor membranes (1,2). Following membrane fusion, the -SNAP cytoplasmic adapter protein binds to the SNARE complex. N-ethylmaleimide-sensitive factor (NSF), a hexameric ATPase, then associates with the -SNAP/SNARE complex to mediate SNARE disassembly during membrane fusion (3,4). The ATPase activity of NSF induces a conformational change in the -SNAP/SNARE complex that leads to its dissociation from the membrane, membrane fusion and eventual recycling of the SNARE complex for subsequent membrane fusion (3,4).

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months