

Datasheet for ABIN2778969
anti-NSF antibody (C-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	NSF
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Zebrafish (Danio rerio), Cow, Pig, Rabbit, Dog, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NSF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human NSF
Sequence:	STTIHVPNIA TGEQLLEALE LLGNFKDKER TTIAQQVKGK KVGWIGIKLL
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against NSF. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NSF
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Target Details

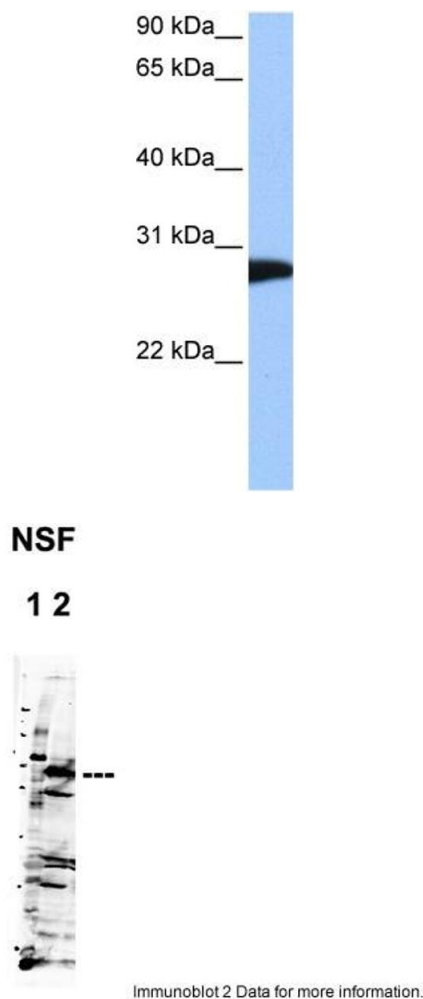
Alternative Name:	NSF (NSF Products)
Background:	<p>The functions of NSF remain unknown.</p> <p>Alias Symbols: SKD2</p> <p>Protein Interaction Partner: STAU1, UBC, RNF2, RAMP3, ADRB2, IRF2BPL, STAT1, PMS2, AKT1, CUL3, SLC2A4, SUMO2, NAPG, SNAP23, STX7, STX5, PRKAB1, CSNK1G3, RAB24, STX12, SCFD1, VTI1B, STX6, GOSR1, STX8, SNAP29, NAPA, BABAM1, LUC7L2, KIAA1377, GABARAPL2, GABBR2, VAPA, USO1, FUNDC2, GABAR</p> <p>Protein Size: 744</p>
Molecular Weight:	83 kDa
Gene ID:	4905
NCBI Accession:	XM_001128468 , XP_001128468
UniProt:	P46459

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 744 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-NSF Antibody Titration: 0.2-1 ug/ml Positive Control: Human brain

Western Blotting

Image 2. Sample Type: 1. NT-2 cells
2. mouse brain extracts

Primary Antibody Dilution: 2ug/ml

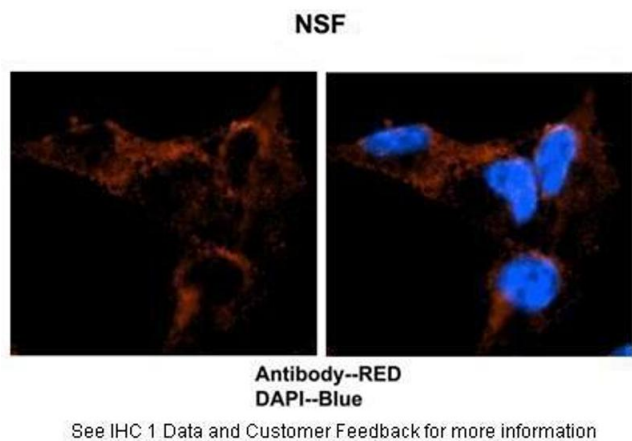
Secondary Antibody Dilution: 1: 20,000

Secondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR Bioscience

Lane 1: 60ug/lane

Lane 2: 80ug/lane

Image Submitted by: Yuzhi Chen
University of Arkansas for Medical Science



Immunohistochemistry

Image 3. Sample Type : Mouse brain stem cells Primary Antibody Dilution : 1:500 Secondary Antibody : Goat anti-rabbit Alexa-Fluor 594 Secondary Antibody Dilution : 1:1000 Color/Signal Descriptions : NSF: Red DAPI:Blue Gene Name : NSF Submitted by : Dr. Yuzhi Chen, University of Arkansas for Medical Science