

Datasheet for ABIN1742270  
**anti-NSF antibody (AA 733-744)**[Go to Product page](#)

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## Overview

Quantity:	200 µL
Target:	NSF
Binding Specificity:	AA 733-744
Reactivity:	Human, Rat, Mouse, Hamster
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Synthetic peptide REEGASPLDFD (aa 733-744 in rat NSF) coupled to key-hole limpet hemocyanin via an added N-terminal cysteine residue.
Specificity:	Specific for NSF.
Purification:	antiserum

## Target Details

Target:	NSF
Alternative Name:	NSF ( <a href="#">NSF Products</a> )

## Application Details

Application Notes:	WB: 1 : 1000 (AP staining)
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## Application Details

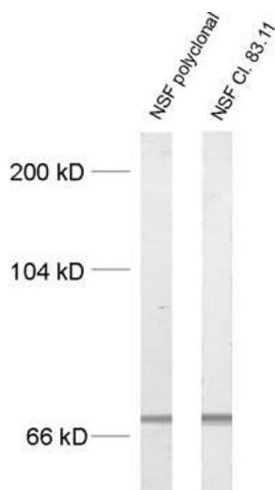
	ICC: 1 : 100 up to 1 : 1000 IHC: 1 : 200
Comment:	ELISA: Suitable as detector antibody for sandwich-ELISA with ABIN1742269 as capture antibody (protocol for sandwich-ELISA).
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS
Handling Advice:	Crude antisera are more robust than monoclonals. With anti-microbials added, they may be stored at 4 °C.  Serum does not contain active proteases, in fact, serum itself contains a powerful cocktail of protease inhibitors. Frozen storage (-20 °C), however, is preferable.
Storage:	4 °C/-20 °C
Storage Comment:	Unlabeled antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4 °C for several years.

## Publications

Product cited in:	Matthäus, Haddjeri, Sánchez, Martí, Bahri, Rovera, Schloss, Lau: "The allosteric citalopram binding site differentially interferes with neuronal firing rate and SERT trafficking in serotonergic neurons." in: <b>European neuropsychopharmacology : the journal of the European College of Neuropsychopharmacology</b> , Vol. 26, Issue 11, pp. 1806-1817, (2016) ( <a href="#">PubMed</a> ).
	Andres, Keyser, Petrali, Benton, Hubbard, McNutt, Ray: "Morphological and functional differentiation in BE(2)-M17 human neuroblastoma cells by treatment with Trans-retinoic acid." in: <b>BMC neuroscience</b> , Vol. 14, pp. 49, (2013) ( <a href="#">PubMed</a> ).
	Lau, Heimann, Bartsch, Schloss, Weber: "Nongenomic, glucocorticoid receptor-mediated regulation of serotonin transporter cell surface expression in embryonic stem cell derived serotonergic neurons." in: <b>Neuroscience letters</b> , Vol. 554, pp. 115-20, (2013) ( <a href="#">PubMed</a> ).



#### Western Blotting

**Image 1.** dilution: 1 : 1000, sample: crude synaptosomal fraction of rat brain (P2)

#### Immunocytochemistry

**Image 2.** Indirect immunostaining of hippocampus neurons (dilution 1 : 500)

