

Datasheet: AHP2225

Description:	RABBIT ANTI RAT NEDD4
Specificity:	NEDD4
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin	▪			1:100 - 1:200
ELISA			▪	
Western Blotting	▪			
Immunodiffusion			▪	
Functional Assays			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Rat
Species Cross Reactivity	Reacts with: Mouse, Human N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Antiserum Preparation	Antiserum to rat NEDD4 was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Buffer Solution	TRIS buffered glycine
Preservative Stabilisers	0.05% Sodium Azide (NaN ₃) 30% Glycerol
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	GST fusion protein corresponding to the WW2 domain (aa395-462) of rat NEDD4.

**External Database
Links**

UniProt:
[Q62940](#) [Related reagents](#)

Entrez Gene:
[25489](#) Nedd4 [Related reagents](#)

Synonyms

Nedd4a

Specificity

Rabbit anti Rat NEDD4 antibody recognises Rat E3 ubiquitin-protein ligase NEDD4, also known as NEDD4, a cytoplasmic and cell membrane protein with a molecular weight of approximately 102kDa.

NEDD4 is ubiquitously expressed with highest levels being found in lung, kidney and brain. Further, NEDD4 controls neurite development through regulation of Rap2A ([Kawabe *et al.* 2010](#)).

Immunohistology

This product does not require protein digestion pre-treatment of paraffin sectionseg. trypsin or pronase prior to staining.

This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections.

**Histology Positive
Control Tissue**

Human Breast

Storage

Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted.

Shelf Life

18 months from date of despatch.

**Health And Safety
Information**

Material Safety Datasheet documentation #10348 available at <https://www.bio-rad-antibodies.com/uploads/MSDS/10348.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)
Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Sheep Anti Rabbit IgG (STAR54...) [HRP](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),
[DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)
[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)

TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP (STAR209P)

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