

Datasheet: AHP2120

Description:	GOAT ANTI HUMAN NUDEL
Specificity:	NUDEL
Other names:	MITOSIN-ASSOCIATED PROTEIN 1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

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			▪	
ELISA	▪			1/38000
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 0.3ug/ml

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	Human
Species Cross Reactivity	Based on sequence similarity, is expected to react with: Mouse, Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Antiserum Preparation	Antiserum to human NDEL1 was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Buffer Solution	TRIS buffered saline
Preservative	0.02% Sodium Azide (NaN ₃)
Stabilisers	0.5% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.5mg/ml
Immunogen	Synthetic peptide sequence CRNFAKDQASRKS _Y from the internal region of Nudel

(NP_001020750.1; NP_110435.1).

External Database**Links****UniProt:**[Q9GZM8](#)[Related reagents](#)**Entrez Gene:**[81565](#)

NDEL1

[Related reagents](#)

Synonyms

EOPA, MITAP1, NUDEL

Specificity

Goat anti Human Nedel antibody recognizes human Nudel, otherwise known as mitosis-associated protein 1, a thiol-activated peptidase and member of the nuDE family, highly expressed in the brain, which interacts directly with dynein motors and Lis1, and plays an important role in cortical development and neuron migration.

Nudel is essential during the organization of the cellular microtubule array, and is involved in several dynein- and microtubule-dependent processes such as the centripetal motion of secretory vesicles, coupling of the nucleus and centrosome, and maintaining Golgi integrity.

Western Blotting

AHP2120 detects a band of approximately 38-39kDa in human cerebellum cell lysates.

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. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

18 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation available at:

Material Safety Datasheet documentation #10058 available at

<https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)**North & South
America**

Tel: +1 800 265 7376

Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com**Worldwide**

Tel: +44 (0)1865 852 700

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