

Datasheet: AHP2106

Description:	GOAT ANTI SEPT2 (N-TERMINAL)
Specificity:	SEPT2 (N-TERMINAL)
Other names:	SEPTIN-2
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	▪			1/32000
Immunoprecipitation			▪	
Western Blotting	▪			0.05 - 0.2ug/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	Reacts with: Mouse, Rat Based on sequence similarity, is expected to react with: Bovine N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Antiserum Preparation	Antiserum to human SEPT2 (NT) 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 SKQQPTQFINPET-C from the N-terminal region of SEPT2 (NP_001008491.1).

External Database

Links

UniProt:

[Q15019](#) [Related reagents](#)
[P42208](#) [Related reagents](#)
[Q91Y81](#) [Related reagents](#)

Entrez Gene:

[4735](#) SEPT2 [Related reagents](#)
[18000](#) Sept2 [Related reagents](#)
[117515](#) Sept2 [Related reagents](#)

Synonyms DIFF6, KIAA0158, Nedd5, Nedd-5, NEDD5, Vesp11

Specificity **Goat anti Human SEPT2 antibody** recognises an epitope within the N-terminal (NT) region of SEPT2, otherwise known as septin-2, a cytoskeletal GTPase and member of the septin family, essential for the formation of filaments, in conjunction with SEPT6 and SEPT7.

SEPT2 plays an important role during mitosis progression/cytokinesis, in the correct organization of the actin cytoskeleton, and maintains polyGlu microtubule tracks, thereby facilitating epithelial cell vesicle transport.

Western Blotting AHP2106 detects a band of approximately 40kDa in human, mouse and rat testis 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](#)

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