

Datasheet: AHP1287

Description:	RABBIT ANTI HUMAN WNT-1
Specificity:	WNT-1
Other names:	WNT-1 PROTO-ONCOGENE PROTEIN
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 (1)	▪			
ELISA	▪			0.5 - 2.0ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 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.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species	Human
Product Form	Purified IgG - lyophilised
Reconstitution	Reconstitute with 0.1ml distilled water. For long term storage the addition of 0.09% sodium azide is recommended.
Antiserum Preparation	Antisera to human Wnt-1 were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline

Preservative Stabilisers	None present
Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 1.0mg/ml after reconstitution
Immunogen	Recombinant human Wnt-1.
External Database Links	<p>UniProt: P04628 Related reagents</p> <p>Entrez Gene: 7471 WNT1 Related reagents</p>
Synonyms	INT1
RRID	AB_2217026
Specificity	<p>Rabbit anti Human WNT-1 antibody recognizes Wnt-1, formerly known as int-1, a 343 amino acid non-glycosylated secreted protein associated with the extracellular matrix, involved in normal embryonic development and particularly linked with breast cancer.</p> <p>Wnt-1, which signals through binding to the Frizzled family of transmembrane receptors, was originally identified as a proto-oncogene implicated in carcinomas induced by the mouse mammary tumor-like virus (Wainwright <i>et al.</i> 1988). Wnt-1 belongs to a family of Wnt genes involved in the dorso-ventricular development of the mesoderm during embryogenesis, with a restricted temporal and spatial pattern of expression.</p>
References	1. Brown, A.M. <i>et al.</i> (1987) Identification of protein products encoded by the proto-oncogene int-1. Mol Cell Biol. 7 (11): 3971-7.
Storage	<p>Prior to reconstitution store at -20°C. After reconstitution store at -20°C.</p> <p>This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	6 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10162 available at: 10162: https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

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

[100x ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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