

Datasheet: AHP1186

BATCH NUMBER 162557

Description:	RABBIT ANTI SLUG
Specificity:	SLUG
Other names:	SNAI2
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			▪	
Immunoprecipitation			▪	
Western Blotting	▪			0.5 - 2.0ug/ml

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

Target Species	Human
Species Cross Reactivity	<p>Reacts with: Mouse</p> <p>N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
Product Form	Purified IgG - liquid
Antiserum Preparation	Antisera to human Slug were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.02% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	13 amino acid peptide sequence near the centre of human Slug.
External Database Links	<p>UniProt: O43623 Related reagents</p> <p>Entrez Gene: 6591 SNAI2 Related reagents</p>
Synonyms	SLUG, SLUGH
RRID	AB_2191887
Specificity	<p>Rabbit anti Slug antibody detects Slug, a member of the Snail family of zinc finger transcription factors, whose expression is induced by FGF, BMP, and TGF-β. Slug is a ~29 kDa transcriptional repressor, which functions by binding to E-box motifs and inhibiting gene expression by recruiting histone deacetylase-1 (HDAC-1).</p> <p>Slug controls the expression of a wide variety of genes including <i>TP53</i>, <i>BRCA2</i>, <i>PUM</i> and <i>CDH1</i>, and has important roles in apoptosis and epithelial-mesenchymal transition. It is also thought to function in neural crest development.</p> <p>Slug expression in breast, oesophageal, and colorectal carcinomas has been correlated with poor prognosis for survival. Rabbit anti Slug antibody is not cross-reactive with Snail.</p>
Western Blotting	AHP1186 detects a band of approximately 30kDa in 293 cell lysate.
Further Reading	1. Tripathi, M.K. <i>et al.</i> (2005) Regulation of BRCA2 gene expression by the SLUG repressor protein in human breast cells. J Biol Chem. 280 (17): 17163-71.
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/AHP1186

RegulatoryFor research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)

[FITC](#)

Sheep Anti Rabbit IgG (STAR35...)

[RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...)

[Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR36...)

[DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

Goat Anti Rabbit IgG (H/L) (STAR124...)

[HRP](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)**North & South**

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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